

NAME OF PROJECT :- PROPOSED AUDITORIUM BUILDING AT SHIRDI

BILL OF QUANTITIES (ACOUSTICAL & STAGE WORK)

Sr. NO	DESCRIPTION OF ITEM	QTY	UNIT	RATE	AMOUNT
1	Acoustical Double Leaf Door	38.4	Sqmt		
	Providing & fixing in position, Acoustical Double Leaf Door of size (2000 x 2400) shutter with 48kg/50mm glass wool filled in 19mm water proof marine plywood of requisite manufacturer's viz.Green /Anchor / Century or equivalent approved make generally confirming to I.S 710-2010,on both sides over T.W. frame of 100mm x 300mm for shutter 4 mm thick Veneer on both sides of approved make and pattern with / without grooves as per design. All wood & Veneer surfaces should be melamine polish as per approved tint. The door should have hardwares & fixtures like brass hinges,long handles, Concealed door closer,door stoppers, tower bolts & aldrops etc. of requisite manufacturer's viz.Dorma / Geze/Hettich/Haffle/Godrej/Ebco or equivalent make duly approved by an Consulting Architect. Antitermite treatment to plywood and woodwork with ten years guarantee bond etc. including all leads and lifts including necessary scaffolding & cleaning as per Architects detailed drawing & design etc complete.(Mode of measurment as per front area)				
2	Acoustical Single Leaf Door	37.44	Sqmt		
	Providing & fixing in position, Acoustical Single Leaf Door of size (1200 x 2400) shutter with 48kg/50mm glass wool filled in 19mm water proof marine plywood of requisite manufacturer's viz.Green /Anchor / Century or equivalent approved make generally confirming to I.S 710-2010,on both sides over T.W. frame of 100mm x 300mm for shutter finished with 4 mm thick Veneer on both side of approved make and pattern with/without grooves as required. All wood & Veneer surfaces should be melamine polish as per approved tint. The door should have hardwares & fixtures like brass hinges,long handles, Concealed door closer,door stoppers, tower bolts & aldrops etc. of requisite manufacturer's viz.Dorma / Geze/Hettich/Haffle/Godrej/Ebco or equivalent make duly approved by an Consulting Architect. Antitermite treatment to plywood and woodwork with ten years guarantee bond etc. including all leads and lifts including necessary scaffolding & cleaning as per Architects detailed drawing & design etc complete.(Mode of measurment as per front area)				
3	Toughfen Glass Window	27.53	Sq.Mt		
	Providing and fixing 10 MM Thk Toughfen Glass Window with alluminium powder coated frame as per detailed drawing and as directed by Engineer-in-charge.				
4	Acoustical Fabric Warpped Wall Panel				
	Providing & Fixing WALL PANEL of Ecophon A Akutex/ Phoenix Acoustic FT 1200 x 2700 mm with 40 mm natural square edge ,demountable panels with standard approved fabric wrapped around in concealed system with grippers, option of Daily dusting, vacuum cleaning & weekly wet wiping. Panel is manufactured from high density glass wool. Tiles classified under sound absorption class A with "alpha w " value of 1 at minimum 50mm o.d.s. Classification acc to EN ISO 11654, & single value ratings for NRC value 0.9 according to ASTM C 423. Articulation class 230 as per ASTM E1111, ASTM E1110. Panels withstand a permanent ambient RH up to 95% at 30°C without sagging, warping or delaminating (EN13964). Thermal resistance (Lamda value - 0,035-0,04 W/mK) Certified by the Indoor Climate labelling, emission class M1 for building materials & recommended by Swedish Asthma & Allergy Association. Product Certified under GRIHA Council of India for Green ratings. Fully recyclable.The glass wool core of the tiles should be tested and classified as non combustible according to pr EN ISO 1182 with reaction to fire classification class A2 s1 d0 according to EN 13501 - 1 - European Standard as per Architects detailed drawing & design etc complete. (Items Include use of scaffolding for height up to 10 Mtr). Also 50 x 50 mm framing to be done with 425mm depth.				
a	Auditorium Hall	1365.07	Sq.Mt		
b	Manager Room, Booking room, Control Room, etc	580.98	Sq.Mt		
5	Wooden Slats Acoustical Paneling	869.99	Sq.Mt		
	Providing & fixing Wooden slats of size 25 x 38 mm fixed on ply paneling up to ceiling finished with provision for LED Lights, approved polish including requisite hardware, scaffolding & cleaning as per Architects detailed drawing & design etc. complete. (Items Include use of scaffolding for height up to 10 Mtr). Also 50 x 50 mm framing to be done with 425mm depth.				

Sr. NO	DESCRIPTION OF ITEM	QTY	UNIT	RATE	AMOUNT
6	Perforated Ply Paneling	62.1	Sq.Mt		
	Providing & Fixing Perforated ply paneling finished in approved veneer & Melamine polish with grid framework of 50 x 50 mm fixed at 600 mm c/c. paneling to have glass wool backing complete as per architects detailed drawing & as instructed by the designer. rate to include requisite hardware, etc. (Items Include use of scaffolding for height up to 10 Mtr). Also 50 x 50 mm framing to be done with 425mm depth.				
7	Acoustical Under- Deck Insulation	1599.13	Sq.Mt		
	Providing and fixing position Acoustical under- deck insulation of 50mm thick Glass wool of 48kg density, covered by non- woven tissue, supported using chicken mesh, including cost of scaffolding, as per Architectural & Acoustical Design & drawing & Instructions. including all taxes, octroi, transport, Machinery ,other fixtures & fasteners etc. complete.as per details & directed by Engineer -in- charge.				
8	Acoustical False Ceiling 600 x 1200	945.98	Sq.Mt		
	Providing & fixing position Acoustical false ceiling made from Armstrong, Anutone, Phoenix ,AMF Optra Ceiling tile of size 600mm x 1200 mm in black color. Soft fibre material finish with smooth glass fiber tissue. Approx weight 2.8 Kg per sq.mt. Product code is OPTRA G100ABL120625. fixed on approved heavy duty GI. Framing including plywood where & if required supported on channels at 300 mm c/c intermediate channels not more than 1200mm c/c suspended with approved quality & make powder coated hangers from auditorium ceiling including all necessary arrangement like scaffolding, all taxes, tools, plants, transport, Machinery ,other fixtures & fasteners etc. complete. as per details drawing & design & directed by Engineer- In-Charge (Items Include use of scaffolding for height up to 10 Mtr)				
9	Acoustical False Ceiling 600 x 600	345	Sq.Mt		
	Providing & fixing position Acoustical false ceiling made from Armstrong, Anutone, Phoenix AMF Optra Ceiling tile of size 600mm x 600 mm in black color. Soft fibre material finish with smooth glass fiber tissue. Approx weight 2.8 Kg per sq.mt. Product code is OPTRA G100ABL120625. fixed on approved heavy duty GI. Framing including plywood where & if required supported on channels at 300 mm c/c intermediate channels not more than 1200mm c/c suspended with approved quality & make powder coated hangers from auditorium ceiling including all necessary arrangement like scaffolding, all taxes, tools, plants, transport, Machinery ,other fixtures & fasteners etc. complete. as per details drawing & design & directed by Engineer- In-Charge (Items Include use of scaffolding for height up to 10 Mtr)				
10	Acoustical Clouds Ceiling	230	Sq.Mt		
	Providing and Fixing Armstrong, Anutone, Phoenix ,AMF SoundScapes - Acoustical clouds which are 30 mm thick, flat glass fiber panels with Humidity Resistance RH 90% & Recycled Content of minimum 30%, come in various shape options like Square / Convex / Concave / Circle / Hexagon / Trapezoid / Parallelogram (Left & Right) / Rectangle (Small & Large) and in standard Traffic White color with LR 90% or in the color specified by the Architect / Engineer in charge (Shell / Tangerine / Cranberry / Moss / Kiwi / Reef / Lagoon). (Items Include use of scaffolding for height up to 10 Mtr)				
11	MS Understructure & Catwalk	8	MT		
	Providing structural steel work in trusses, other similar trussed purlins and members with all bracing, gusset plates etc. as per detailed designs and drawings or as directed including cutting, fabricating, hoisting, erecting fixing in position, Making riveted/ bolted/ welded connection and one coat of anticorrosive paint and over it 2 coats of oil painting approved quality and shade etc. complete. (Items Include use of scaffolding for height up to 10 Mtr)				
12	Acoustical Carpet Floor	361.69	Sq.Mt		
	Providing and fixing in position, heavy duty 100% Nylon, carpet for flooring of approved shade & pattern including adhesive solutions with 6mm underlay, 980 gsm, 4mtr width, fire retardant, plain backing, needle punch technology, stain proof as per Consultants, Architectural & Acoustical design & instructions including Corner edge guard, edge pattis in SS,etc.complete with cleaning, etc. as per Architects detailed drawing & design etc complete. (Location : Auditorium) Basic rate of Carpet Rs. 125/- Sq.Ft.				
13	Auditorium Chair	1050	Nos		
	Supplying & Fixing of Auditorium chairs Pushback, chair of 21" / 22" ctc in row with common wood waterfall arm rest with polish and chair fully upholstered in our standard foam laminated polyester stretch fabric as directed by Engineer-In-Charge etc complete.				

Sr. NO	DESCRIPTION OF ITEM	QTY	UNIT	RATE	AMOUNT
14	Teak Wood Stage Flooring	375	Sq.Mt		
	Stage Floor-Providing & fixing teak wood planking 35 mm thick for stage flooring planed on both sides tongued & grooved along with necessary hardware & required hard wood scantling of size 75 x 50 mm framework to support, etc including cleaning as per Architects detailed drawing & design etc complete.				
15	Teakwood Skirting	90	Rmt		
	Providing & fixing 12mm thick x 100 mm high first quality Solid Teakwood Skirting including base ply of 6 mm thk wherever necessary including Melamine polish shade to be match with the same matching shade of wooden flooring shade to all wood surfaces with 6mm groove between skirting & gyp/veneer to T.W. framework or T.W. panelling as per architect's detail drawing & design etc complete.				
16	Booking Office Counter	4.91	Sq,Mt		
	providing & fixing counter for Booking Office of Size 12'6"x2'6" with 8 drawers 3 keyboard trays & 2 shutters with foot rest. Counter is made in 19mm thk waterproof ISI creative, century make ply frame with shelves and drawer face 12mm glass of bevil edge on counters top supported by 3" long SS studs of 2" dia drawers side back bottom and total back of counter is manufactured with 12mm thick waterproof ISI creative / century make ply fixed with 20" telescopic drawers channels with including edges covered in teakwood lipping of 1" x 1/4" finished in 1mm thick laminate of EURO/ ROYAL TOUCH make and suede finish skirting made up of teakwood of section size 3"x2" the drawer shutters are fitted with maganetic ball catch of s.s 4" ss handles and 4"x1/2"x3/4" ss hings with necessary nails, screw , fevicol, abro tape, araldiat, required labour etc. and other S.S fastening fixtures as per requirement white zink polishing for teak wood lipping ,malamine polish for all exposed surfaces of plywood and teakwood etc. complete as per drawing and design approved (Mode of mesurment as per top Elevation) as per details & directed by the enginners incharge.				
17	Stage Consol Unit: Working Counter	12.93	Sq,Mt		
	providing & fixing Working Counter Of Sizes 12'x2' for staff with 2 drawer 2 shuttered storage and 3 key board counters side top bottom footrest vertical partitions ,drawer front storage shutters are made in 19 mm thick waterproof ISI creative /century ply forming main frame. Drawer side, bottom, back, total back of counter, keyboard bottom are made in 12mm thik water proof ISI creative / century. Drawer and keyboard are fix with 20 inch telescopic drawer channels. shutters are fitted with 4"x1/2"x3/4" S.S hinges,4" SS handles, magenetic ball catch. Plywood edges are covered with 1"x1/4" teakwood lipping of required shape moulded counter is finished 1mm thick laminate EURO /ROYAL TOUCH make and suede finish teakwood section of size 3"x2" is used for required places as per drawing .All necessary nails ,screw, fevicol, araldiat, abro tape, necessary labour and other fastening fixtures in S.S to be used as per requirement. with providing white zink polishing for teak wood lipping melamine polish for all exposed surfaces of plywood and teakwood etc. complete. as per drawing and design and design approved (Mode of measurement as per top plan) as per details & directed by engineer in charge.				
18	Laminated Wooden Partition	50	Sq,Mt		
	Providing & fixing Partition is made with teakwood frame of section size 4"x3" Above it 19 mm thick waterproof ISI creative /century ply on both side finished in 1mm thick laminate ROYAL TOUCH /EURO make in suede finish is provide 12 mm thick glass (Saint Gobain) with itched borders of required size and shape and glass buttons as per drawing 'fixed in teakwood moulding is to be provide all plywood edges are covered in teakwood lipping of 1"x1/4" of required shape and mould as per drawing. with all necessary nails, screws, fevicol, araldiat, abro tape, necessary labour and other fastening fixtures in S.S to be used as per requirement. with providing white zink polishing for teak wood lipping etc. complete as per drawing and design approved (Mode of measurement as per elevational plan) as directed by engineer in charge.				
19	Laminated Wall Paneling	40	Sq,Mt		

Sr. NO	DESCRIPTION OF ITEM	QTY	UNIT	RATE	AMOUNT
	Providing and fixing wall paneling is to be made in 19mm thick waterproff ISI creative/ century ply. All decorative and some upporting work is to be made by using teak wood section of diffrent size section has 3"x4"- 2"x10" and 2"thk planks as per architecctural design and details. all nessary nails screw, fevicol, aralidiate, abro tape, necessary labour and other fastning fixture in SS to be used as per requirment . with melamine polish for all exposed surfaces teak wood . wall paneling is to be completed as per drawing and design approved (Mode of measurment as per elevation) as directed by Engg. In charge etc. Complete.				
20	Pipe Grid with Bamboo Mandapi	573.63	Sq,Mt		
	Providing & Fixing of Pipe Grid to be suspended form ceiling in M.S. Flat of 40mm x 5mm. The grid to be provided G.I. Pipe of 50mm ' B' Class. M.S. ' C ' Channel of 75mm x 40mm on three sides. Painting etc complete. Size (45' x 30')				
21	Letters for Slogan	2	Set		
	Providing & fixing Letters for Slogan in Approved PVC foam Material of 8" and 5" sizes of approved shade ,colour ,front and fixing with good quality Adhesives as shown in the drawing and directed in charge including all type of taxes necessary scaffolding etc. complete. as per details & directed by Engineer -in- charge.				

ESTIAMTE FOR STAGE CRAFTS WORK & STAGE LIGHTS WORKS FOR AUDITORIUM

SR. NO.	PARTICULARS	QTY	UNIT	RATE	AMOUNT
1	MAIN CURTAIN:				
	Providing & Fixing of Main Curtain in Fire retardant Raymond's Velvet Cloth with lining cloth 50% gatherings Satin Border at bottom of 6" and 4" in two pieces (Centre Parting) size 45' x 16' (Rate of Cloth Rs: 825/-)	1	No.		
2	MAIN CURTAIN FRILL:				
	Providing &. Fixing of main .Curtain Frill in same cloth as main Curtain 50% gatherings & Golden Fringe at Bottom of the Frill size 40' x4'	1	No.		
3	WINGS:				
	Providing &. Fixing of wings in Alluminium Box pipe 70mm X 40mm with two intermediate supports. Rollers to slide the wings. Providing of Alluminium channels to slide the wings. Fixing of Cloth on both sides.	10	No.		
	Rollers at bottom Sixe (16' X 5')				
4	MID & BACK CURTAIN :				
	Providing & Fixing of Mid & Back Curtain in Fire Retardant casement cloth stretched Fat of size 40' x 16'. Fixed to electrical hoisting mechanism.	2	No.		
	(Rate of cloth Rs. 325/- Per Mtrs.)				
5	CYCLORAMA:				
	Providing & Fixing of cyclorama in Bombay Dyeing cloth of size 40' x 16' stretched flat. Fixed to Electrical hoisting mechanism.	1	No.		
	(Rate of cloth Rs. 325/- Per Mtrs.)				

SR. NO.	PARTICULARS	QTY	UNIT	RATE	AMOUNT
6	FRILLS:				
	Providing & Fixing of Frills in Drill cloth with 50% gatherings fixed to Grid in 25mm G.I. Pipe suspended by wire rope Size (45' X 4')	4	No.		
7	MIC BARS:				
	Providing & Fixing of Mic Cars in G.I. pipe 400mm dia 'B' class length 40"	2	No.		
8	LIGHT BARS:				
A	Providing & Fixing of Light bars in 40 mm G.I. Pipe (Dual Barrel) 'B' Class with Brackets. M.S. Tray for Electric wire.(Size 100mm X 50mm)				
	a) 40Fts. 3 on stage 1 FOH	4	No.		
B	LIGHT LADDERS:				
	Providing & Fixing of light ladders between wings in 40mm G.I. Pipe ' B ' Class with two intermediate supports size 6' x 2'	4	No.		
9	CENTRE PARTING MECHANISM :				
	Providing & fixing of Centre Parting Mechanism fixed with 1 H.P. 3 Phase Motor Aluminum 'C' Track, 3mm Steel wire rope, runners, M.S. Drum, Reduction Pulley Sets. Wooden Panel, M.S. Angle stand 500 x 50mm (Siemens) contactors, Push Button sets, limit switches, electric wire 2.5 sq m.m 7 core as required,	1	Nos.		
	a. Main Curtain				

SR. NO.	PARTICULARS	QTY	UNIT	RATE	AMOUNT
10	ELECTRIC HOISTING MECHANISM :				
A	Providing & Fixing of hoisting Mechanism for				
	cover, Mid & Back Curtain, Cycolorama,				
	FOH, with following details.				
	a. 2 H.P. 3 Phase motor (Navjyot make)				
	b. Gear Box 40:1 (Kisco)				
	c. 100mm Pulley Set with Bearings on way				
	two way, three way, four way	6	Nos.		
	d. Guide Pulley sets				
	e. 6mm steel wire rope. Appox 400ft				
	f. 75mm x 50mm M.S. Stand				
	g. M.S. Drum 9" dia				
	h. Limit switches with Plate & Rods				
	i. Electric wire 2.5 sq.mm 8 core				
	j. Panel Board with sicmens/L&T Contactors				
	k. Pedestal Bearing 2 Nos.				
	l. G.I. Pipe 25mm				
B	MANUAL HOISTING MECHANISM :		Nos.		
	SITC of Manual Mechanism for lighting of				
	Frills, Curtains as follows:				
	a. 25:1 Gear Box (Elecon)				
	b. 5 Ways Rollers				
	c.5m Steel Wire Rope 150 Mtrs				
	d.100mm Pulley Sets one way, two way, three way, four way & five way	7			
	e. Guide Pulley Sets				
	f. Pedestal Bearings: 2 Nos				
	g. M.S. Angle Stand				
	h, Locking System & Handle				
	i. G.I. Pipe25mm				

SR. NO.	PARTICULARS	QTY	UNIT	RATE	AMOUNT
12	PIPE GRID: Providing & Fixing of Pipe Grid to be suspended form ceiling in M.S. Flat of 40mm x 5mm. The grid to be provided G.I. Pipe of 50mm ' B' Class. M.S. ' C ' Channel of 75mm x 40mm on three sides. Painting etc complete. Size (45' x 30')	1350	Sqft.		
13	CATWALK: (Optional if Fly Gallery is not provided) Providing & Fixing of Pipe Grid to be suspended form ceiling in M.S. Flat of 40mm x 5mm. The grid to be provided G.I. Pipe of 50mm ' B' Class. M.S. ' C ' Channel of 75mm x 40mm on three sides. Painting etc complete.	29	Sq mtrs		
	Size : 5 mt x 1.5 mt x 2 No				
	: 13.5mt x 1 mt x 1 No				

ESTIMATE OF STAGE LIGHTS WORK FOR AUDITORIUM

Sr.No	Description	Quanti.	Rate	Per/unit	Amount
1	Main L.T.panel. Supply,erection,testing & commissioning specially designed, floor standing type L.T. panel made out of 14/16 swg CRCA sheet, duly powder coated, vermin proof,hinged doors,panel locks,floor mounting stand for panel. Incomer: 200 A TP MCCB with 25K Out going: 200 A TPN.Al.busbar 40 A 4 Pole MCB 10 ka. 32 A 2 pole ELCB 100 MA 10 A /20 A SPMCB 10 ka. Volt meter,Ammeter,S.S.Indicating lan	1 1 6 3 24 1		No	
2	Supply,install 16 A/6 A modular socket & 16 A switch with mounting box,G.I.hardware.	12		No	
3	Supply,install 16 A/6 A bakelite plate socket on m.s. box with mounting bracket,G.I.hardware. made out of 18 swg CRCA sheet suitable for 1 No bakelite socket	72		No	

4	<p>Patch Panel:</p> <p>a. Supply,erection of floor mounting stand fabricated in two sections made of iron 35x35x5 mm.angles,closed from all 3 sides with removable covers and bottom cover made out of 18 swg CRCA sheet , hinged doors in two parts,panel locks, and arrangement to keep alu.rack on the top and a bakelite sheet 8 mm thick with 10 mm dia 72 Nos of holes for wires entry,earthing studs,painted/ powder coated and G.I. Hardware and 12 Nos toggle switch, 84 Nos backelite 16 A/6 A socket mounted on m.s.plate.</p>	1		No	
	<p>Dimmer Panel.</p> <p>b. Supply,erection of dimmer power pack of (6 channels each x 5) 30 channels 2 kW/channel with 2 Nos 16 A./6 A .</p>	1		No	

	sockets/channel,indicating lights, 40 A 4 pole MCB for incomming supply,10 A SPMCB for outgoing supply fuse,cooling fan,and all mounted on alluminium rack , all sides closed with removable covers,wire entry holes,wire tages,castors/bushings.(16 A/6 A 2 sockets x 30 channels=60 Nos)				
	c. Supply,erection of portable operating desk18 to72 channel consol with dual preset,2 cross fade master fader with flashing circuitry, black out switch 0-180 sec.group hiper fader for stage lights.	1		No	
	d Supply,erection of portable operating desk for LED lights. pilot 2000 consol.	1		No	
	e. Supply,fixing 10 A.SPMCB in encloser made out of 18 swg.CRCA sheet,hinged removable cover, knockouts 2" dia on all sides for wire entries, 72 ways neutral link,and earth link,earthing studs, and painted with approved paint/powder coated,to be fitted on wall /frame.	72		No	
	f.Supply fixing DMX splitter 8 way output for led lights.	2		No	

5	Supply,laying in PVC.rigid ISI.conduit XLR control cable for connections to consol.	600		mtr	
6	Supply,fixing 3 pin XLR connector male or female with soldering/crimping.	110		No	
7	Supply Fixing DMX Socket 1x14 way with m.s. junction box.	1		No	
8	Supply,fixing/laying in provided pipe pvc. insulated,armoured,ISI,1.1 Kv cable 3.5 core 50 sq.mm.alu.cable	50		mtr	
9	3.5 core 50 sq.mm.cable end termination gland and lugs crimping.	2		No	
10	M.M.S.ISI.conduits/pvc rigid ISI conduits with all accessories, junctions boxes,flexible conduits/pvc.sleeving wherever required,				
	a. 25 mm.dia pvc.rigid conduit	80		mtr	
	b. 50 mm.dia pvc.Rainforce Flex. conduit	90		mtr	
11	Supply,laying in PVC.rigid ISI.conduits copper,multi standered,pvc.ISI. Wire and green earth wire.				
	a. 2 x 2.5 sq.mm + 1x2.5 sq.mm.wires	4000		mtr	
	b. 5 x 6 sq.mm .wires with termination	70		mtr	
	c. 3 core 2.5 sq.mm.copper ,flex.wire	1000		mtr	
12	Supply,fixing 16 A 3 pin plug top	120		No	

13	Supply Fixing Stage Lighting fittings				
	a. 1000 watt halogen frasel spot lights complete with 6" dia lense,G x 9.5 base[MR]	12		No	
	b. 1000 watt mini halogen flood light with integral 4 leaf barndoor,R7s base double ended ,dicast al.'c'clamp with safety chain ,1000 watt linear halogen lamp.[MR-1000 FLD]	2		No	
	c. 1000 watt PARCAN made out of spun alluminium provided with G.16 d.base lamp socket,lamp retaining ring, power cord,filter frame, dicast al. 'c' clamp & 1000 watt halogen lamp.(MR PARCAN-64)	12		No	
	d. 1000 single lens profile spot light with plano convex ldns,Gx9.5 base lamp base, dicast al.'c'clamp with safety chain and 1000 watt Gx9.5 base halogen lamp (PS-1001 PC)[MR]	2		No	
	e. 2000 watt high effeciency spot light with 10" dia fresnel lens, GY-16 base lamp socket, 2000 watt halogen lamp,dicast al.'c'clamp with safety chain (CI-2010HG)[MR]	2		No	

	OR				
	e 200 watt LED frasel spot light with led display complete with 6" dia lense,	0		No	
	f. LED par 54X3w RGBW [SPRO]	30		No	
	g. Moving head DMX 575 Sharpy[SPRO]	2		No	
	h. Wall bracket for solar fitting.	2		No	
	i. 3 section heavy duty floor mounting stand std4	2		No	
14	j. Colour papers	30		No	
	k. LED par 54X3w Warmwhit colour [SPRO]	10		No	
	l. LED WASH 24X8w RGBW [SPRO]	4		No	
	m1500W Profoag Machine with Remote[SPRO]	1		No	
	Supply fixing 1 No XLR Female socket fixed on m.s. box power coated.[MX]	72		No	
15	a.. Supply,erection of earthing GI pipe size 50 mm.x 1mtr deep 20 kg chemical powder. ,C.I.cover, chamber with G..I watering pipe with funnel,G.I. Bolts, nuts,washers,complete with digging and refilling of earth pit.	1		No	
	b. Supply,erection of 16 sq.mm. Insulated copper conductor wire in pipe from plate to panel apprx.	70		mtr	
	c. Supply erection of test link made with 25 x 4 mm copper strip with G.I.hardware	2		No	
	d.Supply.fixing G.I.perforated cable tray with G.I. hardware with cover.100x50mm	50		mtr	
	300x50mm	30		mtr	
16	Supply,fixing caution board	6		No	
			TOTAL	-	

ESTIMATE FOR AUDITORIUM AREA GENERAL LIGHTING SYSTEM

Sr.No	Description	Quanti.	Rate	Per/unit	Amount
1	Supply,fixing , SPMCB in encloser made out of 18 swg.CRCA sheet,hinged double door cover, Spmcb db 16 way 1 nos Dpmcb 40A 1 nos Spmcb 6/25A 12 nos	3		No	
2	Supply,laying in PVC.rigid ISI.conduits copper, multi standered,pvc.ISI. Wire and green earth wire. 2 x 2.5 sq.mm + 1x2.5 sq.mm.wires	2000		mtr	
3	Supply,laying in PVC.rigid ISI.conduits copper, multi standered,pvc.ISI. Wire and green earth wire. 2 x 1.5 sq.mm + 1x1.5 sq.mm.wires	2500		mtr	
4	Supply.fixing G.I.perforated cable Trey with G.I. hardware with cover.100x50mm	50		mtr	
	300x50mm	50		mtr	
5	Supply,laying 6sqmm x 3core armade copper multi standered cable [dimmer to control room]	180		mtr	