



**OFFICE OF THE DIRECTOR PLANNING & DEVELOPMENT
DOW UNIVERSITY OF HEALTH SCIENCES**

Baba-e-Urdu Road, Karachi-74200 Pakistan. **Direct No.** 92-21-9216065 **Fax:** 9216065
Tel: 9215754-57 **Ext:** 5604 **Website:** www.duhs.edu.pk **E-mail:** rahim.khan@duhs.edu.pk

No. DUHS/P&D/2017/9116

Dated: December 30, 2017

To,

**THE ASSISTANT DIRECTOR (ASSESSMENT)
SINDH PUBLIC PROCUREMENT REGULATORY AUTHORITY**
Govt. of Sindh, Barrack-8, Sindh Secretariat 4-A,
Court Road, Karachi.

SUBJECT: AMENDMENT IN NOTICE INVITING TENDER (NIT).

Dear Sir,

This is in reference to Notice Inviting Tender (N.I.T) No: **DUHS/P&D/2017/9096** Dated: **15-12-2017** published in Daily Dawn, Daily Express and Daily Sindh Express as on 17th December 2017 and uploaded on Dow University of Health Sciences (DUHS) and Sindh Public Procurement Regulatory Authority (SPPRA) website at Sr. No: 35863.

2. "Strengthening of Faculty of Oral Health Sciences (External Development Works) at DUHS Karachi".
3. "Strengthening of Faculty of Oral Health Sciences (S/F different Furniture & Fixtures) at DUHS Karachi".

Technical Specifications of the bidding has been amended / corrected / modified as follow. All the interested eligible bidders are requested to please furnish their bid in accordance with the amended / corrected / modified specifications.

All others terms and condition will remain the same.

PROJECT DIRECTOR
PLANNING & DEVELOPMENT DEPARTMENT
DOW UNIVERSITY OF HEALTH SCIENCES
BABA-E-URDU ROAD, BESIDES CIVIL HOSPITAL, KARACHI
PHONE NO +92-21-99215754-7 (EXT. 5604 / 5142)
DIRECT NO: +92-21-99216065

SPPRA INWARD DIARY
NO : 4335
DATED : 02-01-18

**STRENGTHENING OF FACULTY OF ORAL HEALTH SCIENCES
(EXTERNAL DEVELOPMENT WORKS)
BILL OF QUANTITIES**

GENERAL ABSTRACT

S. NO:	DESCRIPTION	TOTAL AMOUNT
1	EXTERNAL DEVELOPMENT WORKS	

CONTRACTOR

PROJECT DIRECTOR
Planning & Development Department,
Dow University of Health Sciences, Karachi

STRENGTHENING OF FACULTY OF ORAL HEALTH SCIENCES
(EXTERNAL DEVELOPMENT WORKS)
BILL OF QUANTITIES

SR.#	DESCRIPTION	QTY	RATE	UNIT	AMOUNT (RS.)
1	Dismantling of Existing Block Masonary and disposal of rubbish materials by mean of Tractor Trolley or Dumper.	2,330.0		P.Cft	
2	Dismantling cement concrete reinforced seperating reinforcement and disposal of rubbish materials by mean of Tractor Trolley or Dumper	300.0		P.Cft	
3	Removing cement or lime plaster from walls and disposal of rubbish materials by mean of Tractor Trolley or Dumper.	1,200.0		P.Sft	
4	Excavation in foundation of buildings , bridges and other structures as per required section, including dag belling, dressing filling around structure with excavated earth watering ramming& compacting etc complete in all respects as per specifications provided and instruction given by the Engineer Incharge.Lead up to 300 Feet & lift up to 6 feet. (i) IN ALL TYPE OF SOILS EXCEPT HARD ROCK	3,850.0		P.Cft	
5	Earth filling with off site material (brought from out side source) in plinth, depression and where ever required laid in 300 m m layer well watered, consolidated and compacted with mechanical means complete as per drawings and as directed by the Consultants. Lead up to 06 Mile with in source and Lift up to 05 Feet	9,850.0		P.Cft	
6	Cement Concrete Plain including placing compacting, finishing and curing complete (including screening and washing of crush bajri) without form work . etc complete in all respects as per specifications provided and instructions given by the Engineer Incharge Ratio 1:4:8 (CLASS 'E') (Under Foundation Using S.R Cement)	3,975.0		P.Cft	
7	Providing and laying plain cement concrete Class "D" (1:3:6) in foundation having minimum works cube crushing strength of 1500 lbs per sq. inch at 28 daysfor blinding or under floors where required using approved quality 1" maximum size graded crushed stone or gravel with approved quality sand including all formwork, roding, leveling, compacting and curing etc. complete as per specifications, drawings and to the entire satisfaction of Engineer. Ratio 1:3:6 (CLASS 'D') (Under Foundation Using S.R Cement)	635.0		P.Cft	
8	Fabrication of Deformed Steel Bars, reinforcement for cement concrete work i/c cutting, bending, laying in proper position, making joints & fastenings etc complete. This rate include cost of binding wire, over lapping, extra wastage, laboratory testing of steel and removing rust from bars. (Grade 60, Minimum Yield Strength 60000 Lbs / P.S.I) Ribbed Steel Bars (F.Floor)	3.50		P.Ton	

SR.#	DESCRIPTION	QTY	RATE	UNIT	AMOUNT (RS.)
9	Providing and laying R.C.C Class 'C'(1:2:4 having a minimum crushing strength of 3000 PS I at 28 days), using 6mm to 18mm sizes graded crushed aggregate and fine aggregate including approved quality form work and its removal, all operations of vibrating, leveling, consolidating , curing and cube / cylinder lab tests of pouring material at 07 days & 28 days etc.complete in all respects as per specifications and drawings and approval of Engineer Incharge .This rate does not includes the cost of steel bars and its erection which will be paid separately				
(i)	Footings	178.0		P.Cft	
(ii)	Plinth Beam	225.0		P.Cft	
10	Providing and laying R.C.C Class 'B'(Ratio 1:1-1/2:3 having a minimum crushing strength of 4000 P S I at 28 days), using 6mm to 18mm sizes graded crushed aggregate and fine aggregate including approved quality form work and its removal, all operations of vibrating, leveling, consolidating , curing and cube / cylinder lab tests of pouring material at 07 days & 28 days etc.complete in all respects as per specifications and drawings and approval of Engineer Incharge .This rate does not includes the cost of steel bars and its erection which will be paid separately				
	(a) Padestal Columns in Super Structure	78.0		P.Cft	
	(b) Columns in Super Structure	285.0		P.Cft	
11	Providing and laying Class 'D' 1:3:6 cement concrete Solid Block Masonary wall 4" to 8" in thickness and above set in 1:6 cement sand mortar in ground floor superstructure i/c racking of joints and curing, etc, complete.(Minimum crushing strength 1300-lbs/P.S.I)				
	150 mm Thick	2,250.0		P.Sft	
	200 mm Thick	1,135.0		P.Sft	
12	Cement Plaster in Ratio 1:6 (15 mmThick) i/c floating coat of cement in proper design & profile on walls/beams & columns .This rate also i/c providing expanded metal at the joint of R.C.C.members and block masonry where as required etc complete in all respects as per specifications and drawings and approval of Engineer Incharge				
(i)	15 mm thick Internal / External	3,450.0		P.Sft	
13	Cement Plaster in Ratio 1:4 (13 mmThick) i/c floating coat of cement in proper design and profile on walls, beams & columns etc complete in all respects as per specifications and drawings and approval of Engineer Incharge				
(i)	13 mm thick Internal / External	3,450.0		P.Sft	
14	P/Applying 3 Coats of Wheather Sheild Paint of superior quality i/c preparing base surface and filling etc complete in all respects as per directives of Engineer In charge.				
		3,450.0		P.Sft	

SR.#	DESCRIPTION	QTY	RATE	UNIT	AMOUNT (RS.)
15	Providing and fixing Printed Glazed Ceramic Hala Pattern Tiles i (Size 8" x 8") on wall facing or in dado jointed in white cement and laid over bed of 1/2"thick grey cement send mortar ratio 1:3 i/c washing / filling of joints with white cement etc: complete in all respect. (Premium Quality costing Rs 1000 per square meter or above)	580.0		P.Sft	
16	Supplying and fixing special heavy type steel doors for Medical Colleges with angle iron frame of 2-1/2" * 2-1/2" * 3/8" size and shutter of 2" * 2" * 3/8" with 1" diameter M.S bars Placed @ 4" center to center with a seperate locking box having size of 12" * 12" of M.Steel sheet embeded in masonry with proper locking arrangement as per approved design including cost of erection of steel work, painting one coat of red oxide paint and two coats of enamel paint over steel gate, fixing in masonry wall in cement concrete 1: 2: 4 etc, complete as per instructions of Engineer Incharge.	180.0		P.Sft	
17	Making and fixing grating in opening including fixing at site with flat iron 2"*3/8" and 3/4" square bars at 4" center to center as per approved design including cost of erection of steel work,painting one coat of red oxide paint and two coats of enamel paint over steel gate, fixing in masonry wall in cement concrete 1: 2: 4 etc, complete as per instructions of Engineer Incharge.	1,820.0		P.Sft	
18	Providing and fixing JUNG-SHAHI Stone Tile on Face Elevation (Plain Stone Tile Duly Mixed With Ornamental Emborced Stone Tile as per Design Requirements) (12" x6" x 3/4") jointed in white cement and laid over bed of 3/4"thick grey cement send mortar ratio 1:3 i/c washing / filling of joints with white cement etc: complete in all respect	3,900.0		P.Sft	
19	Providing and fixing Stone Coping (12"x 2") with lining of 2" Thick jointed in white cement and laid over bed of 1/2"thick grey cement send mortar ratio 1:3 i/c washing / filling of joints with white cement etc: complete in all respect	890.0		P.Rft	
20	Providing and fixing Stone Tile flooring as per Design Requiurements (12"x 12"x 1") jointed in white cement and laid over bed of 1"thick C.C ratio 1:2:4 i/c washing / filling of joints with white cement etc: complete in all respect.	8,740.0		P.Sft	
21	Providing and fixing Roof Shade made of Fiber Glass Sheet 3 mm rest over frame structure of tubular pipe frame consisting of various pipes having sizes 38mm x 18mm, 18mm x 18mm and 25mm x 25mm (16guage) fixed with G.I pipe posts of 60 mm dia painted G.I pipes 10 ' high above ground and 2' buried under ground . This rate i/c all type of work such as cutting and fixing Fiber Sheet with tubular pipe frame fixing with nuts ,bolts, bitumen washers etc complete in all respects i/c painting one coat of red oxide and two coats of enamel paint over metal iron work as per matching shade etc complete in all respects as per directives of Engineer Incharge.	550.0		P.Sft	

SR.#	DESCRIPTION	QTY	RATE	UNIT	AMOUNT (RS.)
22	Providing and fixing Printed Glazed Ceramic Tiles on Floor or Dado (12"x18"x1/4" or above) jointed in white cement and laid over bed of 1/2"thick grey cement sand mortar ratio 1:3 i/c washing / filling of joints with white cement etc: complete in all respect (Imported Premium Quality costing Rs 1600 per square meter or above)	285.0		P.Sft	
23	P/F Hand made Naserpur Kashi Screen Jali with white cement and pigment as per approved design and specification aooroved by the Engineer.Incharge	980.0		P.Sft	
24	Suppy & Laying of Pacca Brick tiles 12" x12"size as approved by the Engineer Incharge.	400.0		P.Sft	
25	P/F warning tape	450.0		P.Rft	
<u>Earthing & Light Protection System</u>					
26	Providing, fixing and connecting of PVC/PVC Pure Copper Conductor unarmored Pakistan Cables 440/1000V grade in PVC/RCC conduit with digging work, Bricks work, UPVC Pipes Work, Warning Tape Work, Main Holes work, Road Crossing complete in all respect as per drawings and specifications through Professional Engineers.				
a.	02x 240mm 4Core	370		meter	
	01x 70mm 1Core (For all Earth Pits)	120		meter	
<u>Earthing Pits</u>					
27	Providing, Fixing, Testing and Commissioing of 13 x meters long, 100mm dia of UPVC Pipe with Cover, Copper Rod 01" x 10', Copper Conductor for holding Rod in 120mm with lugs, Copper Strip 1' x 1.5" x 3/8" including heavy insulators, all related chemicals compounds as per drawing and specifications. Main Whole with Cover in all respect. Result of Earth Pit <u>MUST be</u> less than 01 Ohm and 01 Volt.	6.00		Nos	
28	<u>Main Distribution Board (MDB)</u> Supplying, installation, connection testing & commisioning of Main Distribution Board double powder quoted Panel Color, in 16 SWG, should be factory assembled Ready complete controlled Wired/Standard Capacity Copper Bus Bars, ACB (ATS) Breakers , LED Indications, Digital Volt Meters, Digital Ampere Meters with CT's, Neutral & Earth Copper Bus Bars & Complete as per Electric Drawing, should Be Original Schneider/Terasaki JAPAN made MCCB Breakers OR approved / equalant in all respect.				
a	01x 800Amp ACB Breaker (Complete)	2.00		Nos	
b	01x 600Amp MCCB (Adj)/ Breaker	1.00		Nos	
c	01x 250Amp MCCB (Adj)/ Breaker	1.00		Nos	
d	<u>PFI Panel for K Electric Supply</u> 01x 600KVA PFI Panel as per Electric Drawing	1.00		Nos	
29	<u>GI Cable Tray</u> GI Cable Tray in 16 SWG perforated with 18 SWG Cover as need on SITE conditions in all respect as per Electric Drawing. Size width 12 inch and depth 06 inch (12 x 06).	30.00		Meter	

SR.#	DESCRIPTION	QTY	RATE	UNIT	AMOUNT (RS.)
30	Providing and laying Pre-Polished best quality imported granite beveled edges on Wall Facing of 20mm Thick polished laid over concrete base over 40 mm thick concrete base (1:4) complete in all respect as per detail/ drawing and as directed by the Consultants. (Basic cost of Granite Should be Rs.800.00 per Sq ft or above). On Wall Facing	660.00		P.Sft	
31	S/F in position M.S Staircase i/c foundation, welding, scaffolding, M.S Ancor bolts, S.M steps M.S. Landing M.S Railing. Steps: M.S Angle iron 1-1/2" 3/16 gauge for M.S Chaker Plate 12 SWG. Landing Area: M.S Channel 4" 2swg. Railing: M.S pipe 1-1/2" dia, 16swg, post pipe 1" dia 16swg & horizontal pipe 1/2" dia 16swg. Spiral Centre Pipe: M.S 5" dia 10swg	240.00		Rft	
32	providing making and fixing aluco bond .05 mm thick F/R.(USA) with aluminum base fram i/c wastage as per design or diretion by architect and engineer complete. 1) lift front faceing	800.00		Sft.	
TOTAL (RS.)					

SECTION-VIII
BILL OF QUANTITIES

STRENGTHENING OF FACULTY OF ORAL HEALTH SCIENCES

GENERAL ABSTRACT

S. NO:	DESCRIPTION	TOTAL AMOUNT
1	FURNITURE	
2	AIR CONDITIONER WORK	
3	DATA & VOICE CABLING SYSTEM	
4	FIRE ALARM SYSTEM	
GRAND TOTAL		

CONTRACTOR

PROJECT DIRECTOR
Planning & Development Department,
Dow University of Health Sciences, Karachi

SECTION-VIII
BILL OF QUANTITIES

FURNITURE

Sr.#	Description	Unit	Qty	Rate	Amount (Rs.)
	FIRST FLOOR				
1	P/M Professor table (L 6'-0"x Top 2'-6")and side Rack (L 4'-0" x Top 16") make of 17mm thick imported MDF lassani top & side with beach wood lipping on edges, oak wood ply both sides i/c side rack with drawer & polish as per design given. i/c polish, imported drawer channel, locking arrangement Teak wood lipping as per Approved design and drawing.	Nos	2.00		
2	Making & Providing Faculty Rooms Tables and side rack, Table size 5'-0" x 2'-6" side rack with computer top size (3'-0" x 1'-4"), mobile drawer unit & key board tray make of 12 mm thick glass top, with teak wood and ply pressing with glue, as per design given. i/c polish, imported drawer channel, locking arrangement Teak wood lipping as per Approved design and drawing.	Nos	4.00		
3	Supply & Pasting Department Name Sticker with blue back and golden latters e.t.c complete.	Nos.	14.00		
4	Providing & fixing Roller blinds approved design and shade by Engineer Incharge complete.	Sft	1,050.00		
5	Preparing surface and applying sprite polish approved shead and colour complete in all respect.	Sft	175.00		
6	Display units (hectagon design) 6' height Oak wood base and glass 8 mm clear (As per Approved design and drawing.) 3' dia.complete in all respect.	Nos.	1.00		
7	Providing and fixing 12 mm thick clear glass partition i.c door and floor hinges machine imported with e.t.c complete in all respect as per engineer and site incharge.	Sft	220.00		
8	Providing Executive revolving chairs as per sample approved design and make e.t.c. complete	Nos.	2.00		
9	Providing waiting chair with foam cushion seat and back with S.S frame.as per approve sample design complete.	Nos.	24.00		

Sr.#	Description	Unit	Qty	Rate	Amount (Rs.)
10	Providing Officer & visitor revolving chairs as per sample approved design and make.e.t.c complete	Nos.	22.00		
11	Providing lecture room student chair with writing top i/c arms as per sample approved, design and drawing complete in all respect.	Nos.	160.00		
12	Supplying & Installation of 3 LCD technology Multi Media Projector (3300 Lumens) & contrast ratio 15000 :1 lamp life up to 6000 hrs,HDML,PC Less USB Display.complete in all respect	Nos.	2.00		
13	Supplying wall mounted projector Screen (8'x6') as per approved complete in all respect.	Nos.	2.00		
14	Supplying white chip board size (8'x4') as per approved complete in all respect.	Nos.	2.00		
15	S/F Rostrum MS Body with Front Wooden Sheet, Color , Amplifier 60 Watt with Speakers, Gooseneck & Wireless & Hand Miss, i/c Power Supply Wiring , antenna connector & Labor charges.complete in all respect	Nos.	2.00		
16	Supplying & fixing Rosterm Sound System built-in speaker amplifier backup batteries, Roster Mic, Wireless Collar Mic, Wireless Hand Mic, Metal Body, i/c All in One Touch smart PC 3043 Computer Intel Pentium N3530 with Dow Standard Black/White Color with Monogram as per approved quality and make e.t.c complete.	Nos.	2.00		
17	P/Supplying steel powder coated file cabinet standard size (3'-0"x6'-0") i/c 4 drawers glass in shutter fitted with lock and duplicate keys with spray painted complete in all respect..	Nos.	4.00		
SECOND FLOOR					
18	P/Making Professor table (L 6'-0"x Top 2'-6") and side Rack (L 4'-0" x Top 16") make of 17mm thick imported MDF lassani top & side with beach wood lipping on edges, oak wood ply both sides i/c side rack with drawer & polish as per design given. i/c polish, imported drawer channel, locking arrangement Teak wood lipping as per Approved design and drawing.	Nos	2.00		

Sr.#	Description	Unit	Qty	Rate	Amount (Rs.)
19	Making & Providing Faculty Rooms Tables and side rack, Table size 5'-0" x 2'-6" side rack with computer top size (3'-0" x 1'-4"), mobile drawer unit & key board tray make of 12 mm thick glass top, with teak wood and ply with teak ply pressing with glue, as per design given. i/c polish, imported drawer channel, locking arrangement Teak wood lipping as per Approved design and drawing.	Nos	4.00		
20	Providing & fixing Roller blinds approved design and shade by Engineer Incharge complete.	Sft	460.00		
21	Supply & Pasting Department Name Sticker with blue back and golden letters e.t.c complete.	Nos.	14.00		
22	Providing and fixing 12 mm thick clear glass partition i.c door and floor hinges machine imported with e.t.c complete in all respect as per engineer and site incharge.	Sft	220.00		
23	Providing Executive revolving chairs as per sample approved design and make e.t.c. complete	Nos.	2.00		
24	Providing waiting chair with foam cushion seat and back with S.S frame.as per approve sample design complete.	Nos.	24.00		
25	Providing Officer & visitor revolving chairs as per sample approved design and make.e.t.c complete	Nos.	22.00		
26	Providing lecture room student chair with writing top i/c arms as per sample approved, design and drawing complete in all respect.	Nos.	160.00		
27	Supplying & Installation of 3 LCD technology Multi Media Projector (3300 Lumens) & contrast ratio 15000 :1 lamp life up to 6000 hrs,HDML,PC Less USB Display.complete in all respect	Nos.	2.00		
28	Supplying wall mounted projector Screen (8'x6') as per approved complete in all respect.	Nos.	2.00		
29	Supplying white chip board size (8'x4')	Nos.	2.00		

Sr.#	Description	Unit	Qty	Rate	Amount (Rs.)
30	S/F Rostrum MS Body with Front Wooden Sheet, Color , Amplifier 60 Watt with Speakers, Gooseneck & Wireless & Hand Miss, i/c Power Supply Wiring , antenna connector & Labor charges.complete in all respect	Nos.	2.00		
31	Supplying & fixing Rosterm Sound System built-in speaker amplifier backup batteries, Roster Mic, Wireless Collar Mic, Wireless Hand Mic, Metal Body, i/c All in One Touch smart PC 3043 Computer Intel Pentium N3530 with Dow Standard Black/White Color with Monogram as per approved quality and make e.t.c complete.	Nos.	2.00		
32	P/Supplying steel powder coated file cabinet standard size (3'-0"x6'-0") i/c 4 drawers glass in shutter fitted with lock and duplicate keys with spray painted complete in all respect..	Nos.	4.00		
THIRD FLOOR					
33	Making & Providing Cabinet Counter with Drawer & Cabinet Size (24" depth & 30" height) of Imported Lassani 17mm thick full Formica (as per approved color Formica Fomite) pasting with glue internal using 17mm thick lassani lamination, 6mm thick laminated lassani back, portal wood framing, ss hinges, drawer channel, s.s handle & nobs and top of table Artificial (special quality) white granite complete as per approved design by Architect & Engineer Incharge.	Sft	250.00		
34	Making & Providing Counter With Only Drawer Size (24" depth & 16" height) wall hanging counter make of Imported Lassani ¾" thick full Formica (as per approved color Tuff Formica Fomite) pasting with glue internal using ¾" thick lassani lamination, 6mm thick laminated lassani back, partal wood framing, ss hinges, drawer channel, m.s brackets, s.s handle & nobs and top of table Artificial (special quality) white granite complete as per approved design by Architect & Engineer Incharge.	Sft	320.00		

Sr.#	Description	Unit	Qty	Rate	Amount (Rs.)
35	Making & Providing Over Head Wooden Cabinet with 5mm plain glass size as per requirement 12" depth make of ¾" thick lassani lamination full Formica (as per approved color Tuff Formica Fomite) pasting with glue, 6mm thick laminated lassani back, partial wood, i/c shelves pins & glass fittings, nils, screws etc complete as per approved design by Architect & Engineer Incharge.	Sft	625.00		
36	P/M Professor table make of 17mm thick imported MDF lassani top & side with beach wood lipping on edges, oak wood ply both sides i/c side rack with drawer & polish as per design given. i/c polish, imported drawer channel, locking arrangement Teak wood lipping as per Approved design and drawing.	Nos	2.00		
37	Making & Providing Faculty Rooms Tables and side rack, Table size 5'-0" x 2'-0" side rack with computer top size (3'-0" x 1'-4"), mobile drawer unit & key board tray make of 12 mm thick glass top, with teak wood and ply with teak ply pressing with glue, as per design given. i/c polish, imported drawer channel, locking arrangement Teak wood lipping as per Approved design and drawing.	Nos	4.00		
38	Providing & fixing Roller blinds approved design and shade by Engineer Incharge complete.	Sft	1,050.00		
39	Providing & Installation back light Sign with 3m media printing, M.S pipe frame, 36 volt tube with electronics blast, deco color on M.S frame etc complete as per approved design by Architect & Engineer Incharge..	Nos	6.00		
40	Display units (hectagon design) 6' height Oak wood base and glass 8 mm clear (As per Approved design and drawing.) 3' dia.complete in all respect.	Nos.	2.00		
41	Providing and fixing 12 mm thick clear glass partition i.c door and floor hinges machine imported with e.t.c complete in all respect as per engineer and site incharge.	Sft	122.00		
42	Providing waiting chair with foam cushion seat and back with S.S frame.as per approve sample design complete.	Nos.	27.00		

Sr.#	Description	Unit	Qty	Rate	Amount (Rs.)
43	Providing Officer & visitor revolving chairs as per sample approved design and make.e.t.c complete	Nos.	15.00		
44	Providing Executive revolving chairs as per sample approved design and make e.t.c. complete	Nos.	2.00		
45	Providing lecture room student chair with writing top i/c arms as per sample approved, design and drawing complete in all respect.	Nos.	40.00		
46	Supply & Pasting Department Name Sticker with blue back and golden latters e.t.c complete.	Nos.	12.00		
47	Providing lab revolving S.S stool as per approved design by Engineer Incharge.	Nos.	65.00		
48	P/Supplying steel powder coated file cabinet standard size (3'-0"x6'-0") i/c 4 drawers glass in shutter fitted with lock and duplicate keys with spray painted complete in all respect..	Nos.	4.00		
49	Supplying & Installation of 3 LCD technology Multi Media Projector (3300 Lumens) & contrast ratio 15000 :1 lamp life up to 6000 hrs,HDML,PC Less USB Display.complete in all respect	Nos.	1.00		
50	Supplying wall mounted projector Screen (8'x6') as per approved complete in all respect.	Nos.	1.00		
51	Supplying white chip board size (8'x4')	Nos.	1.00		
52	S/F Rostrum MS Body with Front Wooden Sheet, Color , Amplifier 60 Watt with Speakers, Gooseneck & Wireless & Hand Miss, i/c Power Supply Wiring , antenna connector & Labor charges.complete in all respect	Nos.	1.00		
53	Supplying & fixing Rosterm Sound System built-in speaker amplifier backup batteries, Roster Mic, Wireless Collar Mic, Wireless Hand Mic, Metal Body, i/c All in One Touch smart PC 3043 Computer Intel Pentium N3530 with Dow Standard Black/White Color with Monogram as per approved quality and make e.t.c complete.	Nos.	1.00		

Sr.#	Description	Unit	Qty	Rate	Amount (Rs.)
	FOURTH FLOOR				
54	Making & Providing Cabinet Counter with Drawer & Cabinet Size (24" depth & 30" height) of Imported Lassani 17mm thick full Formica (as per approved color Formica Fomite) pasting with glue internal using 17mm thick lassani lamination, 6mm thick laminated lassani back, partial wood framing, ss hinges, drawer channel, s.s handle & nobs and top of table Artificial (special quality) white granite complete as per approved design by Architect & Engineer Incharge.	Sft	625.00		
55	Making & Providing Counter With Only Drawer Size (24" depth & 16" height) wall hanging counter make of Imported Lassani ¾" thick full Formica (as per approved color Tuff Formica Fomite) pasting with glue internal using ¾" thick lassani lamination, 6mm thick laminated lassani back, partial wood framing, ss hinges, drawer channel, m.s brackets, s.s handle & nobs and top of table Artificial (special quality) white granite complete as per approved design by Architect & Engineer Incharge.	Sft	240.00		
56	Making & Providing Over Head Wooden Cabinet with 5mm plain glass size as per requirement 12" depth make of ¾" thick lassani lamination full Formica (as per approved color Tuff Formica Fomite) pasting with glue, 6mm thick laminated lassani back, partial wood, i/c shelves pins & glass fittings, nils, screws etc complete as per approved design by Architect & Engineer Incharge.	Sft	720.00		
57	Making & Providing Faculty Rooms Tables and side rack, Table size 5'-0" x 2'-0" side rack size (L 3'-0" w 1'-4" H 2'- 6")with computer top (3'-3" x 1'-4"), mobile drawer unit & key board tray make of 12 mm thick glass top, with teak wood and ply with teak ply pressing with glue, as per design given. i/c polish, imported drawer channel, locking arrangement Teak wood lipping as per Approved design and drawing.	Nos	6.00		
58	Providing & Installation back light Sign with 3m media printing, M.S pipe frame, 36 volt tube with electronics blast, deco color on M.S frame etc complete as per approved design by Architect & Engineer Incharge..	Nos	6.00		

Sr.#	Description	Unit	Qty	Rate	Amount (Rs.)
59	Providing & fixing Roller blinds approved design and shade by Engineer Incharge complete.	Sft	1,050.00		
60	Display units (hectagon design) 6' height Oak wood base and glass 8 mm clear (As per Approved design and drawing.) 3' dia.complete in all respect.	Nos.	2.00		
61	Providing and fixing 12 mm thick clear glass partition i.c door and floor hinges machine imported with e.t.c complete in all respect as per engineer and site incharge.	Sft	165.00		
62	Providing waiting chair with foam cushion seat and back with S.S frame.as per approve sample design complete.	Nos.	18.00		
63	Providing Officer & visitor revolving chairs as per sample approved design and make.e.t.c complete	Nos.	30.00		
64	Providing lecture room student chair with writing top i/c arms as per sample approved, design and drawing complete in all respect.	Nos.	40.00		
65	Supply & Pasting Department Name Sticker with blue back and golden latters e.t.c complete.	Nos.	12.00		
66	Providing lab revolving S.S stool as per approved design by Engineer Incharge.	Nos.	100.00		
67	P/Supplying steel powder coated file cabinet standard size (3'-0"x6'-0") i/c 4 drawers glass in shutter fitted with lock and duplicate keys with spray painted complete in all respect..	Nos.	4.00		
68	Supplying & Installation of 3 LCD technology Multi Media Projector (3300 Lumens) & contrast ratio 15000 :1 lamp life up to 6000 hrs,HDML,PC Less USB Display.complete in all respect	Nos.	1.00		
69	Supplying wall mounted projector Screen (8'x6') as per approved complete in all respect.	Nos.	1.00		
70	Supplying white chip board size (8'x4')	Nos.	1.00		

Sr.#	Description	Unit	Qty	Rate	Amount (Rs.)
71	S/F Rostrum MS Body with Front Wooden Sheet, Color , Amplifier 60 Watt with Speakers, Gooseneck & Wireless & Hand Miss, i/c Power Supply Wiring , antenna connector & Labor charges.complete in all respect	Nos.	1.00		
72	Supplying & fixing Rosterm Sound System built-in speaker amplifier backup batteries, Roster Mic, Wireless Collar Mic, Wireless Hand Mic, Metal Body, i/c All in One Touch smart PC 3043 Computer Intel Pentium N3530 with Dow Standard Black/White Color with Monogram as per approved quality and make e.t.c complete.	Nos.	1.00		
FIFTH FLOOR					
73	Making & Providing Cabinet Counter with Drawer & Cabinet Size (24" depth & 30" height) of Imported Lassani 17mm thick full Formica (as per approved color Formica Fomite) pasting with glue internal using 17mm thick lassani lamination, 6mm thick laminated lassani back, partal wood framing, ss hinges, drawer channel, s.s handle & nobs and top of table Artificial (special quality) white granite complete as per approved design by Architect & Engineer Incharge.	Sft	260.00		

Sr.#	Description	Unit	Qty	Rate	Amount (Rs.)
74	<p>Making Counter along the Wall Material: Prime Quality Cold Rolled MS Sheet, Table Structure, Suspended cabinet system is supported on heavy-duty steel frame fully carrying the work tops. Cabinets are suspended on frame and can be relocated with simple hand tools. Legs Comprising of 2" sq. Pipe 16 Swg Long and cross rails 1.5"x3" Pipe 16 Swg Long rails are fitted with screws, Legs are supplied with adjustment Feet + 40mm to correct eventual unevenness of the floor, Cross rails are argon welded with legs, Metal structures are properly phosphated and powder coated with desired colors with coating thickness of more than 55micron. Suspended Cabinet Size: 36"x18"x24" (LxWxH), Material: Cold rolled Mild Steel (MS) sheet 1 mm thick.</p> <p>Specification: One drawer, 6 inch and 2 doors underneath, Full extension, ball bearing plated drawer slides able to take load up to 25kg, Standard pulls are flush extruded aluminum with capacity to be label holder, Doors are supported by spring loaded hinges, Sound deadening plastic bumpers to be used to minimize banging noise while closing the door. Lock and key where required. Work top with Special artificial white granite</p>	Sft	240.00		
75	<p>Making & Providing Counter With Only Drawer Size (24" depth & 16" height) wall hanging counter make of Imported Lassani ¾" thick full Formica (as per approved color Tuff Formica Fomite) pasting with glue internal using ¾" thick lassani lamination, 6mm thick laminated lassani back, partal wood framing, ss hinges, drawer channel, m.s brackets, s.s handle & nobs and top of table Artificial (Special quality) white granite complete as per approved design by Architect & Engineer Incharge.</p>	Sft	85.00		
76	<p>Making & Providing Over Head Wooden Cabinet with 5mm plain glass size as per requirement 12" depth make of ¾" thick lassani lamination full Formica (as per approved color Tuff Formica Fomite) pasting with glue, 6mm thick laminated lassani back, partal wood, i/c shelves pins & glass fittings, nils, screws etc complete as per approved design by Architect & Engineer Incharge.</p>	Sft	590.00		

Sr.#	Description	Unit	Qty	Rate	Amount (Rs.)
77	Making & Providing Faculty Rooms Tables and side rack, Table size 5'-0" x 2'-0" side rack with computer top size (3'-3" x 1'-4"), mobile drawer unit & key board tray make of 12 mm thick glass top, with teak wood and ply pressing with glue, as per design given. i/c polish, imported drawer channel, locking arrangement Teak wood lipping as per Approved design and drawing.	Nos	6.00		
78	p/supply and installation in counter washing sink bowl size 16"x18"x18", 16 Swg stainless steel 304 top with master tap complete in all respect.	Nos.	10.00		
79	Providing & Installation back light Sign with 3m media printing, M.S pipe frame, 36 volt tube with electronics blast, deco color on M.S frame etc complete as per approved design by Architect & Engineer Incharge..	Nos	4.00		
80	Providing & fixing Roller blinds approved design and shade by Engineer Incharge complete.	Sft	1,050.00		
81	Display units (hectagon design) 6' height Oak wood base and glass 8 mm clear (As per Approved design and drawing.) 3' dia.complete in all respect.	Nos.	1.00		
82	Providing and fixing 12 mm thick clear glass partition i.c door and floor hinges machine imported with e.t.c complete in all respect as per engineer and site incharge.	Sft	260.00		
83	Providing waiting chair with foam cushion seat and back with S.S frame.as per approve sample design complete.	Nos.	15.00		
84	Providing Officer & visitor revolving chairs as per sample approved design and make.e.t.c complete	Nos.	38.00		
85	Providing lecture room student chair with writing top i/c arms as per sample approved, design and drawing complete in all respect.	Nos.	40.00		
86	Supply & Pasting Department Name Sticker with blue back and golden letters e.t.c complete.	Nos.	12.00		
87	Providing lab revolving S.S stool as per approved design by Engineer Incharge.	Nos.	15.00		

Sr.#	Description	Unit	Qty	Rate	Amount (Rs.)
88	P/Supplying steel powder coated file cabinet standard size (3'-0"x6'-0") i/c 4 drawers glass in shutter fitted with lock and duplicate keys with spray painted complete in all respect..	Nos.	6.00		
89	Supplying & Installation of 3 LCD technology Multi Media Projector (3300 Lumens) & contrast ratio 15000 :1 lamp life up to 6000 hrs,HDML,PC Less USB Display.complete in all respect	Nos.	1.00		
90	Supplying wall mounted projector Screen (8'x6') as per approved complete in all respect.	Nos.	1.00		
91	Supplying white chip board size (8'x4')	Nos.	1.00		
92	S/F Rostrum MS Body with Front Wooden Sheet, Color , Amplifier 60 Watt with Speakers, Gooseneck & Wireless & Hand Miss, i/c Power Supply Wiring , antenna connector & Labor charges.complete in all respect	Nos.	1.00		
93	Supplying & fixing Rosterm Sound System built-in speaker amplifier backup batteries, Roster Mic, Wireless Collar Mic, Wireless Hand Mic, Metal Body, i/c All in One Touch smart PC 3043 Computer Intel Pentium N3530 with Dow Standard Black/White Color with Monogram as per approved quality and make e.t.c complete.	Nos.	1.00		
SIXTH FLOOR					
94	Making & Providing Cabinet Counter with Drawer & Cabinet Size (24" depth & 30" height) of Imported Lassani 17mm thick full Formica (as per approved color Formica Fomite) pasting with glue internal using 17mm thick lassani lamination, 6mm thick laminated lassani back, partal wood framing, ss hinges, drawer channel, s.s handle & nobs and top of table Artificial (special quality) white granite complete as per approved design by Architect & Engineer Incharge.	Sft	225.00		

Sr.#	Description	Unit	Qty	Rate	Amount (Rs.)
95	Making & Providing Counter With Only Drawer Size (24" depth & 16" height) wall hanging counter make of Imported Lassani ¾" thick full Formica (as per approved color Tuff Formica Fomite) pasting with glue internal using ¾" thick lassani lamination, 6mm thick laminated lassani back, partial wood framing, ss hinges, drawer channel, m.s brackets, s.s handle & nobs and top of table Artificial (special quality) white granite complete as per approved design by Architect & Engineer Incharge.	Sft	385.00		
96	Making & Providing Over Head Wooden Cabinet with 5mm plain glass size as per requirement 12" depth make of ¾" thick lassani lamination full Formica (as per approved color Tuff Formica Fomite) pasting with glue, 6mm thick laminated lassani back, partial wood, i/c shelves pins & glass fittings, nils, screws etc complete as per approved design by Architect & Engineer Incharge.	Sft	395.00		
97	Making & Providing Faculty Rooms Tables and side rack, Table size 5'-0" x 2'-0" side rack size (L 3'-0" w 1'-4" H 2'- 6")with computer top (3'-3" x 1'-4"), mobile drawer unit & key board tray make of 12 mm thick glass top, with teak wood and ply pressing with glue, as per design given. i/c polish, imported drawer channel, locking arrangement Teak wood lipping as per Approved design and drawing.	Nos	6.00		
98	Providing & Installation back light Sign with 3m media printing, M.S pipe frame, 36 volt tube with electronics blast, deco color on M.S frame etc complete as per approved design by Architect & Engineer Incharge..	Nos	4.00		
99	Display units (hectagon design) 6' height Oak wood base and glass 8 mm clear (As per Approved design and drawing.) 3' dia.complete in all respect.	Nos.	1.00		
100	Providing & fixing Roller blinds approved design and shade by Engineer Incharge complete.	Sft	1,050.00		
101	Providing and fixing 12 mm thick clear glass partition i.c door and floor hinges machine imported with e.t.c complete in all respect as per engineer and site incharge.	Sft	275.00		

Sr.#	Description	Unit	Qty	Rate	Amount (Rs.)
102	P/Supplying steel powder coated file cabinet standard size (3'-0"x6'-0") i/c 4 drawers glass in shutter fitted with lock and duplicate keys with spray painted complete in all respect..	Nos.	6.00		
103	Providing waiting chair with foam cushion seat and back with S.S frame.as per approve sample design complete.	Nos.	20.00		
104	Providing Officer & visitor revolving chairs as per sample approved design and make.e.t.c complete	Nos.	45.00		
105	Supply & Pasting Department Name Sticker with blue back and golden latters e.t.c complete.	Nos.	12.00		
SEVENTH FLOOR					
106	Providing & making work table with s.s leg 2"x2" 16 SWG thickness of pipe well welded table frame table center top space s.s tube 16 Swg with distance 1' and top of table finish with imported Corian top i/c 1-1/2" edge and thickness Suspended Cabinet Size: 36"x18"x24" (LxWxH), Material: Cold rolled Mild Steel (MS) sheet 1 mm thick. Specification: One drawer, 6 inch and 2 doors underneath, Full extension, ball bearing plated drawer slides able to take load up to 25kg, Standard pulls are flush extruded aluminum with capacity to be label holder, Doors are supported by spring loaded hinges, Sound deadening plastic bumpers to be used to minimize banging noise while closing the door. Lock and key where complete as per approved design by Architect & Engineer Incharge.	Sft	150.00		
107	Providing & making work table with s.s leg 2"x2" 16 SWG thickness of pipe well welded table frame table center top space s.s tube 16 swg with distance 1' and top of table finish with imported corian top i/c 1-1/2" edge and thickness as per approved design by Architect & Engineer Incharge	Sft	260.00		

Sr.#	Description	Unit	Qty	Rate	Amount (Rs.)
108	Making & Providing Cabinet Counter with Drawer & Cabinet Size (24" depth & 30" height) of Imported Lassani 17mm thick full Formica (as per approved color Formica Fomite) pasting with glue internal using 17mm thick lassani lamination, 6mm thick laminated lassani back, partial wood framing, ss hinges, drawer channel, s.s handle & nobs and top of table Artificial (special quality) white granite complete as per approved design by Architect & Engineer Incharge.	Sft	25.00		
109	Making & Providing Over Head Wooden Cabinet with 5mm plain glass size as per requirement 12" depth make of ¾" thick lassani lamination full Formica (as per approved color Tuff Formica Fomite) pasting with glue, 6mm thick laminated lassani back, partial wood, i/c shelves pins & glass fittings, nils, screws etc complete as per approved design by Architect & Engineer Incharge.	Sft	80.00		
110	Making & Providing Faculty Rooms Tables and side rack, Table size 5'-0" x 2'-0" side rack with computer top size (3'-3" x 1'-4"), mobile drawer unit & key board tray make of 12 mm thick glass top, with teak wood and ply pressing with glue, as per design given. i/c polish, imported drawer channel, locking arrangement Teak wood lipping as per Approved design and drawing.	Nos	4.00		
111	Making & Providing Principal & V.Principal Room Table (7'-4"x 3'-6") with back grad Anza (7' x 1'-4") i/c Side Table (4'-6"x 3'-6") mobile drawer unit make of ¾" thick imported Lassani top, with 2/8"thick Oak wood veneer pressing with glue, as per design given. i/c polish, imported drawer channel, locking arrangement Oak wood lipping as per Approved design and drawing.	Nos.	2.00		
112	Making & Providing Conference Room Table (19'-0" x 5'-0") with back grad Anza (16'-0" x 1'-6"x2'6") make of ¾" thick imported Lassani top, with 2/8"thick Oak wood veneer & Oak wood ply pressing in paneling with glue, as per design given. i/c polish, imported drawer channel, Oak wood lipping as per Approved design and drawing.	Nos.	1.00		

Sr.#	Description	Unit	Qty	Rate	Amount (Rs.)
113	Providing & fixing Roller blinds approved design and shade by Engineer Incharge complete.	Sft	1,050.00		
114	Providing and fixing 12 mm thick clear glass partition i.c door and floor hinges machine imported with e.t.c complete in all respect as per engineer and site incharge.	Sft	335.00		
115	Providing waiting chair with foam cushion seat and back with S.S frame.as per approve sample design complete.	Nos.	20.00		
116	Providing Officer & visitor revolving chairs as per sample approved design and make.e.t.c complete	Nos.	52.00		
117	Providing lecture room student chair with writing top i/c arms as per sample approved, design and drawing complete in all respect.	Nos.	40.00		
118	Providing Executive revolving chairs as per sample approved design and make e.t.c. complete	Nos.	4.00		
119	Supply & Pasting Department Name Sticker with blue back and golden latters e.t.c complete.	Nos.	18.00		
120	P/Supplying steel powder coated file cabinet standard size (3'-0"x6'-0") i/c 4 drawers glass in shutter fitted with lock and duplicate keys with spray painted complete in all respect..	Nos.	6.00		
121	Supplying & Installation of 3 LCD technology Multi Media Projector (3300 Lumens) & contrast ratio 15000 :1 lamp life up to 6000 hrs,HDML,PC Less USB Display.complete in all respect	Nos.	1.00		
122	Supplying wall mounted projector Screen (8'x6') as per approved complete in all respect.	Nos.	1.00		
123	Providing and supply washing sink size60"x27"x36" 6" splash back 16 swg stainless steel 304 top 1-1/2"x1-1/2" pipe stainless steel 304 and bwl size 16"x18"x8" and master tap complete in all respect.	Nos.	3.00		
124	p/supply and installation in counter washing sink bowl size 16"x18"x18", 16 swg stainless steel 304 top with master tap complete in all respect.	Nos.	3.00		

Sr.#	Description	Unit	Qty	Rate	Amount (Rs.)
125	Supplying & fixing Rosterm Sound System built-in speaker amplifier backup batteries, Roster Mic, Wireless Collar Mic, Wireless Hand Mic, Metal Body, i/c All in One Touch smart PC 3043 Computer Intel Pentium N3530 with Dow Standard Black/White Color with Monogram as per approved quality and make e.t.c complete.	Nos.	1.00		
TOTAL					

SECTION-VIII
BILL OF QUANTITIES
AIR CONDITIONER WORK

Sr.#	Description	Unit	Qty	Rate	Amount (Rs.)
	<u>FIRST FLOOR</u>				
1	S/I/Testing & commissioning of Distribution Boards. DB-I	No.	1.00		
2	Supplying, testing & commissioning of split type 1 ton air conditioner Acson/Dieken made or equivalent i/c making holes with diamond bit, nut, bolts including cartage etc complete in all respect.	Nos.	1.00		
3	Supplying, testing & commissioning of split type 1.5 ton air conditioner Acson/Dieken made or equivalent i/c making holes with diamond bit, nut, bolts including cartage etc complete in all respect.	Nos.	17.00		
4	Supply & installation of split type air condition copper pipe including aeroflex & control wiring etc complete.	Rft	320.00		
5	Supply & installation angle iron stand as a foundation of split outer unit including fixing coloring etc complete.	Nos.	18.00		
6	Supply & installation of following sizes of G.I Powder coated cable tray. Size 6" x 3"	Rft	170.00		
7	Supply & installation of drain pipe UPVC including accessories such as bend, tees, etc complete. 3/4" Dia	Rft	130.00		
	<u>SECOND FLOOR</u>				
1	S/I/Testing & commissioning of Distribution Boards. DB-II	No.	1.00		
2	Supplying, testing & commissioning of split type 1 ton air conditioner Acson/Dieken made or equivalent i/c making holes with diamond bit, nut, bolts including cartage etc complete in all respect.	Nos.	3.00		
3	Supplying, testing & commissioning of split type 1.5 ton air conditioner Acson/Dieken made or equivalent i/c making holes with diamond bit, nut, bolts including cartage etc complete in all respect.	Nos.	17.00		

Sr.#	Description	Unit	Qty	Rate	Amount (Rs.)
4	Supply & installation of split type air condition copper pipe including aeroflex & control wiring etc complete.	Rft	220.00		
5	Supply & installation angle iron stand as a foundation of split outer unit including fixing coloring etc complete.	Nos.	20.00		
6	Supply & installation of following sizes of G.I Powder coated cable tray. Size 6" x 3"	Rft	170.00		
7	Supply & installation of drain pipe UPVC including accessories such as bend, tees, etc complete. 3/4" Dia	Rft	120.00		
<u>THIRD FLOOR</u>					
1	S/I/Testing & commissioning of Distribution Boards. DB-III	No.	1.00		
2	Supplying, testing & commissioning of split type 1 ton air conditioner Acson/Dieken made or equivalent i/c making holes with diamond bit, nut, bolts including cartage etc complete in all respect.	Nos.	1.00		
3	Supplying, testing & commissioning of split type 1.5 ton air conditioner Acson/Dieken made or equivalent i/c making holes with diamond bit, nut, bolts including cartage etc complete in all respect.	Nos.	18.00		
4	Supply & installation of split type air condition copper pipe including aeroflex & control wiring etc complete.	Rft	260.00		
5	Supply & installation angle iron stand as a foundation of split outer unit including fixing coloring etc complete.	Nos.	19.00		
6	Supply & installation of following sizes of G.I Powder coated cable tray. Size 6" x 3"	Rft	50.00		
7	Supply & installation of drain pipe UPVC including accessories such as bend, tees, etc complete. 3/4" Dia	Rft	120.00		

Sr.#	Description	Unit	Qty	Rate	Amount (Rs.)
	<u>FOURTH FLOOR</u>				
1	S/I/Testing & commissioning of Distribution Boards. DB-IV	No.	1.00		
2	Supplying, testing & commissioning of split type 1 ton air conditioner Acson/Dieken made or equivalent i/c making holes with diamond bit, nut, bolts including cartage etc complete in all respect.	Nos.	3.00		
3	Supplying, testing & commissioning of split type 1.5 ton air conditioner Acson/Dieken made or equivalent i/c making holes with diamond bit, nut, bolts including cartage etc complete in all respect.	Nos.	18.00		
4	Supply & installation of split type air condition copper pipe including aeroflex & control wiring etc complete.	Rft	290.00		
5	Supply & installation angle iron stand as a foundation of split outer unit including fixing coloring etc complete.	Nos.	21.00		
6	Supply & installation of following sizes of G.I Powder coated cable tray. Size 6" x 3"	Rft	50.00		
7	Supply & installation of drain pipe UPVC including accessories such as bend, tees, etc complete. 3/4" Dia	Rft	110.00		
	<u>FIFTH FLOOR</u>				
1	S/I/Testing & commissioning of Distribution Boards. DB-V	No.	1.00		
2	Supplying, testing & commissioning of split type 1 ton air conditioner Acson/Dieken made or equivalent i/c making holes with diamond bit, nut, bolts including cartage etc complete in all respect.	Nos.	4.00		
3	Supplying, testing & commissioning of split type 1.5 ton air conditioner Acson/Dieken made or equivalent i/c making holes with diamond bit, nut, bolts including cartage etc complete in all respect.	Nos.	20.00		
4	Supply & installation of split type air condition copper pipe including aeroflex & control wiring etc complete.	Rft	320.00		
5	Supply & installation angle iron stand as a foundation of split outer unit including fixing coloring etc complete.	Nos.	24.00		

Sr.#	Description	Unit	Qty	Rate	Amount (Rs.)
6	Supply & installation of following sizes of G.I Powder coated cable tray. Size 6" x 3"	Rft	50.00		
7	Supply & installation of drain pipe UPVC including accessories such as bend, tees, etc complete. 3/4" Dia	Rft	140.00		
<u>SIXTH FLOOR</u>					
1	S/I/Testing & commissioning of Distribution Boards. DB-VI	No.	1.00		
2	Supplying, testing & commissioning of split type 1 ton air conditioner Acson/Dieken made or equivalent i/c making holes with diamond bit, nut, bolts including cartage etc complete in all respect.	Nos.	11.00		
3	Supplying, testing & commissioning of split type 1.5 ton air conditioner Acson/Dieken made or equivalent i/c making holes with diamond bit, nut, bolts including cartage etc complete in all respect.	Nos.	11.00		
4	Supply & installation of split type air condition copper pipe including aeroflex & control wiring etc complete.	Rft	380.00		
5	Supply & installation angle iron stand as a foundation of split outer unit including fixing coloring etc complete.	Nos.	22.00		
6	Supply & installation of following sizes of G.I Powder coated cable tray. Size 6" x 3"	Rft	170.00		
7	Supply & installation of drain pipe UPVC including accessories such as bend, tees, etc complete. 3/4" Dia	Rft	120.00		
<u>SEVENTH FLOOR</u>					
1	S/I/Testing & commissioning of Distribution Boards. DB-VII	No.	1.00		
2	Supplying, testing & commissioning of split type 1 ton air conditioner Acson/Dieken made or equivalent i/c making holes with diamond bit, nut, bolts including cartage etc complete in all respect.	Nos.	5.00		
3	Supplying, testing & commissioning of split type 1.5 ton air conditioner Acson/Dieken made or equivalent i/c making holes with diamond bit, nut, bolts including cartage etc complete in all respect.	Nos.	11.00		

Sr.#	Description	Unit	Qty	Rate	Amount (Rs.)
4	Supply & installation of split type air condition copper pipe including aeroflex & control wiring etc complete.	Rft	410.00		
5	Supply & installation angle iron stand as a foundation of split outer unit including fixing coloring etc complete.	Nos.	16.00		
6	Supply & installation of following sizes of G.I Powder coated cable tray. Size 6" x 3"	Rft	170.00		
7	Supply & installation of drain pipe UPVC including accessories such as bend, tees, etc complete. 3/4" Dia	Rft	150.00		
TOTAL					

SECTION-VIII
BILL OF QUANTITIES
DATA & VOICE CABLING SYSTEM & FIRE ALARM SYSTEM

Sr.#	Description of Item	Qty	Rate	Unit	Amount (Rs.)
	DATA & VOICE CABLING SYSTEM:-				
1	Supply & installation of following 0.6 mm dia. Shielded telephone cables in 25 mm dia PVC conduit. (a) Cat - 6 (b) Telephone cable 10 pair.	1,230.00 560.00		P.Mtr. P.Mtr.	
2	Supply & installation of following boards as per drawings fabricated from 16 SWG sheet steel powder coated box with hinged covered door. a)Telephone Junction Box with (8 x 25 pair punch block) tag block.	1.00		Each	
3	Supply & installation of following telephone outlets (i/o + Face Plate) with back box.(Hussain make). a) RJ-45 for telephone system. b) RJ-45 for Data system. c) RJ-45 for Data system. (Duplex)	44.00 44.00 88.00		Each Each Each	
4	Supply and installation of Cat-6 giga speed cable AT & T /clipsal make for data system in 25 mm dia PVC conduit	650.00		P.Mtr.	
5	Card Access Control System	3.00		Each	
6	Wiring for Card Access	3.00		Each	
7	Supply/ Fixing of Industrial UPS 5 Kva i/c wiring with dry battery and necessary angle iron bracket for erecting UPS (Imported)	2.00		Each	
8	Following CAT-6, Patch Panels equipped with RJ-45 I/Os for Data communication system with rear cable organizer including all labeling and all mounting accessories. Complete in all respects. 24-port CAT-6 patch panel for data	9.00		Each	
9	Following CAT-6, Patch Panels equipped with RJ-45 I/Os for voice communication system with rear cable organizer i/c all labelling system and all mounting accessories etc complete in all respects. 24-port CAT-6 patch panel for Voice	2.00		Each	
10	Front Cable Organizer for Voice & Data patch panels / wiring blocks with complete labeling and dressing for incoming cable management.	2.00		Each	
11	Following CAT-6 , factory certified patch cords of specified color having RJ-45 connectors at both ends for voice communication. a). 3 meter long. b). 1 meter long.	25.00 110.00		Each Each	
12	Supply, Installation, testing and commissioning of Data Switch (10G) for Cat-6 Cable.	1.00		Each	

Sr.#	Description of Item	Qty	Rate	Unit	Amount (Rs.)
13	Supply / Installation of 42 U Floor mounted Communication Rack. suitable for installation of servers,switches and related equipment etc. Complete with vertical cable managers with at Rack shall be equipped with power distribution units (PDUs) least 5 imported power sockets etc complete in all respects.	1.00		Each	
14	Testing and commissioning of all above items termination and connectivity at both ends, including submission of detailed test report from the Principals.	1.00		P.Job	
TOTAL					
<u>FIRE ALARM SYSTEM</u>					
1	Supply, installation and connection of conventional type Fire Alarm control panel flush mounted complete with all particulars	1.00		Each	
2	Supply, installation and connection of photo-electric type accessories, back up battery, indication lamps, internal smoke detectors as per drawings etc.	190.00		Each	
3	Same as item 2 but heat detector.	24.00		Each	
4	Supply, installation and connection of conventional manual break glass stations with LED indication as per drawing.	18.00		Each	
5	Supply, installation and connection of fire alarm sounders as per specifications & drawing.	18.00		Each	
6	Wiring of smoke, heat detectors, manual break glass & Fire Alarm sounders with 2C x 1.5sq.mm PVC insulated copper wires in PVC conduit for surface installation complete with all accessories,etc up to fire alarm control panel including termination.	1.00		P.Job	
7	Power supply to Fire Alarm Control Panel from DB UPS-1, wired with 3C x 2.5mm ² PVC insulated cable in PVC conduit as per Drawing.	14.00		P.Job	
8	Testing and commissioning of Fire Alarm System by authorized local representative of the manufacturer.	2.00		P.Job	
9	Supply and Installation of fire extinguisher 6 kg	30.00		Each	
10	Supply, laying, connecting and testing of fire alarm system & alarm panel wiring from FACP to smoke detector, heat detector, Break glass, Horns, concealed / surface wire with 2-core 1.5mm ² PVC insulated sheeted copper conductor cable in 25mm dia of heavy gauge PVC / conduit including all accessories such pull boxes, bends, sockets, etc.	3,200.00		Rft	
	Smoke Detector	190.00		Nos	
	Manual Break Glass	24.00		Nos	
	Alarm Bell	24.00		Nos	
	4 Zone Fire Alarm Panel	8.00		Nos	
TOTAL					