INSTITUTE OF BUSINESS ADMINISTRATION (IBA) KARACHI CONSTRUCTION OF GIRLS HOSTEL PHASE-II AT IBA STAFF TOWN KARACHI UNIVERSITY ENCLAVE



VOLUME III BILL OF QUANTITIES

(PLANNING & DEVELOPMENT DEPARTMENT)
INSTITUTE OF BUSINESS ADMINISTRATION KARACHI

CONSTRUCTION OF GIRLS HOSTEL PHASE-II AT IBA STAFF TOWN KARACHI UNIVERSITY ENCLAVE PRICING PREAMBLES & INSTRUCTIONS S.NOINSTRUCTIONS The Contract shall be an item-rate. It has two Component. The First Component is CSR 2012 based and the second component is based on prevailing market analysed rates. In CSR Component the bidder shall add the premium above or below the schedule rate while in the Market based item the bidder shall quote the item rate as per prevailing market rate. 2 The Bidders are required to fill in all sections of the BOQ, Columns including all appendencies. All material, Equipments, Fittings & Fixtures shall be strictly as per "List of Approved Manufacturer" All bidders are advised to quote as per specifications and drawing. Any tender not quoting as per specification is liable to rejection. All bids shall be accompanied by one additional copy of the main proposal and priced BOQ marked as " DUPLICATE" duly filled ,signed and stamped. All specifications, drawings and other documents supplied shall be returned with the 6 tender bid duly signed & stamped. Any descripencies in BOQ, Specifications, drawing etc shall be point out by the bidders before submission of tender and the Engineer shall notify the clarification /addenda to all the bidders. No claim of what so ever shall be admissible during or after the contract period for any misunderstandings, ambiguities due to above, which has not been The quantities set out in BOQ are estimated quantities of the work and shall not be taken as the actual and correct quantities of the work to be executed by the contract. The contractor shall be required to supply and install every thing necessary to provide a complete operational system as specified by drawings. The rate quoted shall be inclusive of all type of with holding, sales, or local taxes, 9 Generally the following shall be deemed to be included in the prices submitted with all 10 items herein: Erection, dismentaling and removal of all Contractor's site offices, stores, yards etc a) Labour and all cost in connection therewith material and goods and all costs in connection therewith including not limited to cartage delivery, unloading, returning b) packing. Handling, hoising to any height, lowering, octrai charges etc. Supply of shop drawings and as built drawing as per mentioned in the General and c) Special Condition of Contracts, (PLANNING & DEVELOPMENT DEPARTMENT) INSTITUTE OF BUSINESS ADMINISTRATION KARACHI

	CONSTRUCTION OF GIRLS HOSTEL PHASE-II AT IBA STAFF TOWN KARACHI UNIVERSITY ENCLAVE					
	LICTOFA	DDDOVED MANUEACTUREDO				
Α		RPPROVED MANUFACTURERS RCHITECTURAL WORKS				
S.NO	DESCRIPTUION	APPROVED MANUFACTURERS				
1	CEMENT (OPC)	FALCON, LUCKY,OR EQUIVALENT AS PER SPECIFIATION				
2	CEMENT (SR)	FALCON, LUCKY,OR EQUIVALENT AS PER SPECIFIATION				
3	MS BAR DEFORMED G-60	AMRELLI, RAZAQUE, SARHAD, AGHA, MOGHAL OR EQUI.				
4	FAIR FACED HOLLOW BLOCK	ENVICRETE, BANUMUKHTAR, IZHAR OR EQUIVALENT				
5	FAIR FACED SOLID BLOCK	ENVICRETE, BANUMUKHTAR, IZHAR OR EQUIVALENT				
6	ORDINARY LOCAL BLOCK	MACHINE MADE Min.800PSI COMPRESSIVE STRENGTH				
7	INTERLOCKING PAVER & KERB	ENVICRETE, BANUMUKHTAR, IZHAR OR EQUIVALENT				
8	MS STRUCTURAL PIPE & TUBE	IIL, STEELEX JAMAL OR EQUIVALENT				
9	ALUMINUM WINDOWS SECTION	PAKISTAN CABLES, LUCKY, KHAS,ALCOP OR EQUIVALENT				
10	SEMI SOLID-PLY DOOR SHUTTER	STERLING, OSMAN BROS,OR EQUIVALENT AS APPROVED				
11	VIN BOARD,MDF,HDF	ALNOOR, CRESENT BOARD OR EQUIVALENT				
12	MOSAIC TILES	HYDERI, MATRIXX OR EQUIVALENT AS APPROVED				
13	CERAMIC TILES	MASTER,SHABBIR,EMCO OR EQUIVALENT AS APPROVED				
14	ALUMINUM EXP. JOINT COVER	PAK CABLE OR APPROVED EQUIVALENT				
15	PVC WATER STOPPER	FOSROC, SIKKA OR EQUIVALENT AS APPROVED				
16	WATER PROOFING CHEMICAL	FOSPAK,BASF,SIKKA, PUDLO OR EQUIVALENT				
17	FALSE CEILING GYPSUM BOARD	THAILAND, INDONISIA ORIGIN OR EQUI. AS APPROVED				
18	PAINTS	ICI, BERGER, JOTUN OR EQUIVALENT AS APPROVED				
19	WINDOW BLINDS	PROTECTORS, MARVI, GRAND INTERIOR OR EQUIVALENT				
20	ANTITERMITE PESTICIDES	TENEKIL,TERMECURE,FIRPOKIL OR EQUIVALENT				
21	FLEXOCRETE, MASTERSEAL	MASTER SEAL,SIKA, BASF, FOSROC OR EQUIVALENT				
22	PROCELEAN TILES	MASTER, SONEX OR EQUIVALENT AS APPROVED				
23	CONCRETE ADMIXTURE	FOSROC, SIKA, BASF OR EQUIVALENT				
24	SOFT WOOD	DEODAR, PARTAL OR EQUIVALENT AS APPROVED				

	CONSTRUCTION OF GIRLS HOSTEL PHASE-II AT IBA STAFF TOWN				
		ACHI UNIVERSITY ENCLAVE			
	LIST OF A	APPROVED MANUFACTURERS MEP WORKS			
B S.NO	DESCRIPTUION	APPROVED MANUFACTURERS			
a		ELECTRICAL			
1	PVC CONDUIT	DADEX, GALCO, BETA, PRINCE, JEDDAH OR EQUIVALENT			
2	DUR DUCT PVC	ADAMJEE, DURA, HUSSAIN & CO. OR EQUIVALENT			
3	STEEL CONDUIT	IIL, STEELEX, JAMAL OR EQUIVALENT			
4	MS BOXES	POWER TECH,ELECTRECK OR EQUIVALENT			
5	LT CABLES & WIRES	PAKISTAN CABLES, FAST, PIONEER, NEWAGE, OR EQUI.			
6	SWITCHES, PLUG, DIMMER ETC CLIPSLE, SCHENIDER, ABB, LEGRAND, BOSCH OR EQUIV.				
7	LIGHT FIXTURES PHLLIPS, SUNLIGHT, OSRAM, BRITILITE OR EQUIVALENT				
8	CEILING, EXHAUST FANS MILLAT, PAK FAN, ROYAL, GFC 55~60 WATTS COPPER				
9	MAIN, DISTRIBUTION, BOARD	AREVA, SIEMENS, BABER , LIBRA OR EQUIVALENT			
10	MCCBs / MCBs	SCHENIDER,ABB, TERASAKI, LG, GE, MG OR EQUIVALENT			
11	CURRENT TRANSFORMER	SIEMENS, COMPLEE, FICO, OR EQUIVALENT			
12	SELECTOR SWITCHES	BRETTER,K&N OR EQUIVALENT			
13	ENERGY ANALYZER	DUCATI, SOCOMEC OR EQUIVALENT			
14	HRC FUSES	SIEMENS,AEG,GE,ABB, HAGER			
	FIR	E DETECTION SYSTEM			
1	MANUAL CALL POINT	EDWARD NOTIFIER, GENT (HONEYWELL), KIDDI, NOTIFIER			
2	POWER CABLE, CONTROL CABLE	UNIVERSAL,NICCO,CCI			
3	SELECTOR SWITCH	SIEMENS, L&T			
4	SMOKE /HEAT DETECTOR	TYCO,KIDDE,APPOLLO,SYSTEM SENSOR			
5	MAIN & LOCAL CONTROL PANEL	EDWARD, NOTIFIER, HONEY WELL,TYCO			
6	TERMINAL BLOCK /CABLE END	ELMEC /M-SEAL, SIEMENS			
	VOICI	E, DATA& MATV SYSTEM			
1	VOICE CABLE CAT -6	SIGNATURE, CLIPSAL,3M			
		CABLE TRAY			
1	CABLE TRAY	EIZZY ENGINEERING			
2	FLOOR OUT LET & PULL BOXES	CLIPSLE,HUSSAIN & CO, ELECTROLINE OR EQUIVALENT			
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	CONSTRUCTION OF GIRLS HOSTEL PHASE-II AT IBA STAFF TOWN						
	KAR	ACHI UNIVERSITY ENCLAVE					
	LIST OF A	APPROVED MANUFACTURERS					
С	PLUM	MBING &FIRE SUPPRESSION					
S.NO	DESCRIPTUION	APPROVED MANUFACTURERS					
а	PLUMBIN	IG & WATER SUPPLY WORKS					
1	NON PRESSURE UPVC PIPE	DADEX, PAK ARAB, AGM, JEDDAH OR EQUIVALENT					
2	PRESSURE UPVC PIPE	DADEX, PAK ARAB, AGM, JEDDAH OR EQUIVALENT					
3	GI PIPE CONDUIT	IIL, STEELEX, JAMAL OR EQUIVALENT					
4	PPRC PRESSURE PIPE	DADEX, MINHAS OR EQUIVALENT					
5	UPVC FITTINGS	DADEX, PAKARAB, AGM					
6	FITTINGS FOR GI PIPE	H.E CHINA, TG CHINA					
7	VALVES	KITZ,SRV ,WICON,SCON, MOGHUL OR EQUIVALENT					
8	EARTHEN SANITARY WARE	PORTA CHINA, IFO,FORTE OR EQUIVALENT					
9	SANITARY FIXTURE	MASTER,SONEX, FAISAL OR AS APPROVED					
10	SINK	ATLAS,SUPER ASIA OR EQUIVALENT					
11	GAS GYSER	SUPER ASIA, ASIA, CANNON OR EQUIVALENT					
12	WATER DISPENSER	MECCO, HAIER OR EQIVALENT					
13	FLOOR TRAP,ROOF DRAINS	DADEX,BETA OR EQUIVALENT					
14	PUMPS & VALVES	KSB, GRUND FOS, OR EQUIVALENT					
14	WATER FILTER	SO SAFE,AQUA SAFE OR EQUIVALENT					
15	FIRE HOSE CABINET	HUSSAIN HABIB OR EQUIVALENT					
16	FIRE EXTINGUISHER	HUSSAIN HABIB					
17	CI MAN HOLE COVER & FRAME	CME,ALPINE					
18	FLOOR DRAIN &CLEAN OUT	CME, ALPINE					

CONSTRUCTION OF GIRLS HOSTEL PHASE-II AT IBA STAFF TOWN KARACHI UNIVERSITY ENCLAVE SCHEDULE OF FINISHES SCHEDULE OF DOORS & WINDOWS

SCHEDULE OF DOORS

	SCHEDULE OF DOO	RS						
S.NO	LOCATION	DOOR TYPE	FRAME	WIDTH	HEIGHT	SHUTTER	HARD\	NARE
1	BLKI&II BED ROOM	D-4	GI	3'-3"	8'-6"	S/SOLID	BOLT,ALDRO	P&HANDLE
2	BLKI&II UTILITY	D-4	GI	3'-3"	8'-6"	S/SOLID	BOLT,LOCK	&HANDLE
3	EMERGENCY EXIT	D-4	GI	3-3"	8'-6"	S/SOLID VP	LOCK & I	HANDLE
4	TOILET	D-4	GI	3'-3"	7'-0"	S/SOLID KP	BOLT,LOCK	& HANDLE
5	JANITOR	D-7	GI	2'-0"	6'-6"	S/SOLID KP	BOLT,LOCK	& HANDLE
6	WC	D-7	GI	2-0"	6'-6"	S/SOLID KP	BOLT, & I	HANDLE
	SCHEDULE OF WIND	ows						
S.NO	LOCATION	WINDOW TYPE	FRAME	WIDTH	HEIGHT	SHUTTER	HARD	WARE
1	BLKI&II BED ROOM	SLIDING	ALUM-BR	4'-6"	4'-0"	GLAZ/TINT	FLY NET	T, LOCK
2	BLKI&II UTILITY	SLIDING	ALUM-BR	4'-6"	3'-0"	GLAZ/TINT	FLY NET	T, LOCK
3	STAIRS	OPENABLE	ALUM-BR	2-0"	4'-0"	GLAZ/TINT		
4	TOILETS	OPENABLE	ALUM-BR	2-0"	4'-0"	GLAZ/TINT		
	SCHEDULE OF FINIS							
S.NO	LOCATION	FLOOR	SKIRTING	CEILING	WALLS			
1	BLKI&II BED ROOM	MOSAIC TILE	MOSAIC TILE	PL/DIST.	PL/MATT			
2	BLKI&II UTILITY	MOSAIC TILE	MOSAIC TILE	PL/DIST.	PL/MATT			
3	STAIRS	MOSAIC TILE	MOSAIC TILE	PL/DIST.	PL/MATT			
4	CORRIDOR	MOSAIC TILE	MOSAIC TILE	PL/DIST.	PL/MATT			
5	TOILETS	CERAMIC TILE	CERAMIC	GYP	PL/MATT			
6	JANITOR	CERAMIC TILE	CERAMIC	GYP	PL/MATT			
		 						
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GIRLS HOSTEL PHASE-II IBA STAFF TOWN KARACHI UNIVERSITY ENCLAVE SUMMARY OF COST BLOCK I & II PHASE II TOTAL COST NON COST SCHEDULE ADD **DESCRIPTION** OF SCHEDULE SCHEDULE TOTAL COST PREMIUM BASED ITEMS BASED ITEMS ITEMS (PKR) S.NO **CIVIL WORKS** 1 MAIN BUILDING **GROUND FLOOR** 15304240.79 b FIRST FLOOR 10766637.3 SECOND FLOOR 10925371.61 THIRD FLOOR 1243562.009 d COMPOUND WALL 1861835.375 е TOTAL 38239811.7 TENNIS COURT, Ш **VOLLEY BALL &** CENTRAL COURT 3703910.23 **EXTERNAL** Ш DEVELOPMENT 3099636.40 IV HORTICULTURE 0.00 **TOTAL** PLUMBING, WATER SUPPLY & FIRE SUPPRESSION WORKS SOIL, WASTE & Α VENT PIPING FITTINGS & **FIXTURES** В SEWER NET С WORK WATER SUPPLY (D HOT & COLD),GAS PIPING VALVES, Ε FITTINGS & FIXTURES SEPTIC TANK & F SOAKAGE PIT 1611273.051 TOTAL FOR PLUMBING WORKS

3	ELECTRICAL & CC	MMUNICATION WO	RKS		
А	WIRING & CONDUITING				
В	DISTRIBUTION BOARD				
С	MAIN/SUB MAIN CABLES & RACE WAYS				
D	FIRE ALARM SYSTEM				
Е	CCTV CAMERA				
F	LIGHT,FAN & VENTILATION FIXTURE				
G	EARTHENING				
	TOTAL				
	TOTAL AMOUNT O	F COST PHASE-II			
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S.NO	DESCRIPTION	QTY	UNIT	S/RATE 2012	AMOUNT
	IBA GIRLS HOSTEL PHASE-II IBA STAFF TOWN			RSITY ENCL	AVE
	SCHEDULE RATE ITEMS BASED ON CSR (SIN	DH) 2012			
Α	MAIN BUILDING				
(a)	GROUND FLOOR				
1	Jungle Clearance				
	Jungle Clearance and removing within 100 ft (b) thick Item No 4 (b) Page 95 Chapter 18	14100.00	%) Cft	151.25	2,132.63
2	EXCAVATION FOR FOUNDATION		,		
а	Excavation in shingle or gravel formation and rock in dry not requiring blasting undressed lead upto 100ft. (Page No1 item No 4)	14,808	%0Cft	5,747.50	85,108.98
b	Cutting Hard Rock such as granite, ballast, hard lime stone or sand stone etc with chiesel and hammers for small foundations. Item No 19 Page -4	11,106	%0Cft	28,672.05	318,431.79
С	Extra for every 50'-0" lead or part thereof 500'lead Item no 8 a) Page No 2	12,957	%0Cft	1,007.80	13,058.06
d	Add for additional lift of every three feet (30.9 R.m) or part thereof in item Nos. 1 to 4. 10 to 13 and 19 to 22.	11,106	%0Cft	187.50	2,082.38
3	DISPOSAL OF EARTH				
	Cartage of 100Cft/ 5 Tons of all material like stones, aggregate, spawl,Coal,lime, surkhi etc by Trucklead 1 mile	17,500	% CFT	407.00	71,225.00
4	Back Filling				
a)	USING EXCAVATED/SURPLUS EARTH PRESENT AT SITE				
i)	Filling, watering and ramming earth in floors with surplus earth from foundation lead upto one chain and lift upto 5'-0" (Item No 21 Page No 4)	14511.84	%0 CFT	1512.5	21,949.16
5	LEAN CONCRETE				
i)	Cement concrete plain including placing compacting, finishing and curing complete (including screining and washing at stone aggregate without shuttering (Page No. 16, Item No. 5-i) 1:4:8 Concrete				
a)	Under Footing	1,345	% CFT	11,288.75	151,809.50
b)	Under Floor	2,754	% CFT	11,288.75	310,925.48
-,		4,099		·	· · · · · · · · · · · · · · · · · · ·
ii)	Concrete 1:3:6 under plinth Page No 16 Item No 5-(h)	1.545	% CFT	12,595.00	194,592.75
6	POLY ETHYLENE SHEET	1,010	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	,	,
-	Providing and laying single per layer of polyethylene sheet 0.13 mm thick for water proofing as per specification and instruction of Engineer Incharge (Page No. 38, Item No. 38).	5,509	SFT	10.70	58,941.91
7	TERMITE PROOFING				
	Providing anti-termite treatment by spraying / sprinkling / spreading Neptachler 0.5% Emulsion as an overall pre-construction treatment in slab type construction under the slab and attached perches or entrances etc. complete in all respect as per directions of the Engineer-in-Charge (Page No. 108, Item No. 92)	5508.59	SFT	9.74	53,653.67
8	STONE SOLING				
<u> </u>	Stone pitching including sub-base with hammer dressed stone on surface laid in courses including carriage of materials chains. (Page No. 32, Item No. 23) 6" THICK	2,754.30	%Cft	5,377.63	148,115.79
	 				

S.NO	DESCRIPTION	QTY	0	S/RATE 2012	AMOUNT
	GIRLS HOSTEL PHASE-II BLOCK II IBA STAFF			NIVERSITY	ENCLAVE
	SCHEDULE RATE ITEMS BASED ON CSR (SIN	DH) 2012			
9	REINFORCED CEMENT CONCRETE G/FLOOR				
	Reinforced cement concrete work including all labour and material except the cost of steel reinforcement and its labour for bending and binding which will be paid separately. This rate also includes all kinds of forms moulds lifting shuttering curing rendering and finishing the exposed surface (including screening and washing of shingle) Page No. 17. Item No. 6(a)-ii				
	NOTE: ALL STRUCTURAL CONCRETE UPTO PLINTH LEVEL SHALL BE WITH SULPHATE RESISTING CEMENT .HOWEVER THE DIFFERENCE OF COST SHALL BE PAID AS PER MENTIONED IN NON- SCHEDULE ITEM.				
A)	R.C. work in roof slab, beams columns rafts, lintels and other structural members laid in situ or precast laid in position complete in all respects. Ratio 1:2: 4 Conc. 90 lbs OPC cement.2 cft Sand 4				
a)	Cft stone aggregate				
(I)	Foundation	5085.00	CFT	337	1,713,645.00
(II)	Column up to P. Level.	820.17	CFT	337	276,397.29
(III)	Plinth beams with projected nibs etc	2534.28	CFT	337	854,052.93
IV)	Walls Upto Plinth	490.00	CFT	337	165,130.00
		8929.45			
(iv)	Columns in super structure	598	CFT	337	201,517.58
(v)	Beams	2,564	CFT	337	864,220.26
(Vi)	Slabs / projection etc	4,566	CFT	337	1,538,900.69
(vii)	Staircase steps, Landing waist etc	241	CFT	337	81,217.00
VIII)	RAMP	43	CFT	337	14,450.56
ix)	WALLS	484	CFT	337	163,209.10
10	Steel Reinforcement				
	Fabrication of mild Steel Reinforcement for Cement Concrete including cutting, bending, laying in position, making joints and fastenings including the cost of binding wire, also include removal of) Item no 8 (b) page No 17 using TOR Bar	707.829	CWT	5001.7	3,540,345.81
	NOTE: ALL REINFORCEMENT BAR USED SHALL BE DEFORMED GRADE 60. THE DIFFERENCE OF COST SHALL BE QUOTED BY THE BIDDER AS NON SCHEDULE ITEM.				
11	BLOCK MASONARY				
a)	SOLID				
i)	6 " OR BELOW THICKNESS				
	Providing and laying 1:3:6 cement concrete solid block masonry wall 6' and below in thickness set in 1:6 cement mortar in ground floor Super Structure including raking out joints and curing etc. complete. (Page No. 19, Item No. 24)		% Cft	15,771.01	363,333.68

DESCRIPTION	QTY	UNIT	S/RATE 2012	AMOUNT
A GIRLS HOSTEL PHASE-II IBA STAFF TOW		II UNIVE	RSITY ENC	LAVE
CHEDULE RATE ITEMS BASED ON CSR (SIN	DH) 2012			
EM 11 BLOCK MASONRY (CONTD.)				
OVE 6 " THICKNESS ITE : ALL THE EXTERNAL PERIPHERAL WALL ALL BE FAIRFACED PIGMENTED HOLLOW BLOCK ISONARY WALL 190MM THICK USING IX190X190MM BLOCK				
oviding and laying 1:3:6 cement concrete solid block sonry wall 6" and below in thickness set in 1:6 cement retar in ground floor Super Structure including raking out its and curing etc. complete. (Page No. 19, Item No. 23)	943.36	% Cft	14621.44	137,932.82
ENDERING (PLASTER)				
ternal Plaster				
ment Plaster 1:4 upto 12' height				
" thick Plaster (for ceiling and wall) Page No. 52, Item . 11-B	6144.41	% SFT	2,496.76	153,411.17
ment Plaster 1:6 upto 12' height (Internal)				
" thick Plaster (for ceiling and wall) Page No. 52, Item . 13-c	19974.50	% SFT	2,590.50	517,439.42
ternal Plaster (in two coats)				
ment Plaster 1:4 upto 12' height				
" thick Plaster (for ceiling and wall) Page No. 52, Item .11-d	2256.00	% SFT	3,191.76	72,006.11
MP PROOFING				
rizontal DPC				
Imp proof course 2" thick with (cement sand and ingle concrete 1:2:4) including 2 coats of asphaltic xture. (Page No. 18, Item No. 28-b)	1275.00	%Sft	3,912.85	49,888.84
rtical DPC				
rtical Damp Proof Course of 3/4' thick Cement aster 1:2 with Bitumen at 20 LBS per % Sft. Page 107 Item No 70	2976.00	%Sft	2,760.99	82,167.06
OORING				
OORING BASE CONC. 1:3:6				
ment Concrete plain including placing, compacting, shing and curing complete including screening and shing at stone aggregate with out shuttering. (Ref. Item 5 h, Page No16 1:3:6 Conc. Plain	1536.10	% CFT	12,595.00	193,472.11
o 1:2:4 Concrete	336.12	% CFT	14,429.25	48,499.60
RRAZO FLOOR				-,
oring of Mosaic Marble Chips tiles of white cement laid in 1:2 grey cement mortar over 3/4" thick bed of grey ment mortar 1:2 Page No 48 Item No 64	1967.00	% SFT	12,698.37	249,776.94
saic Chequre Tiles of 8"x8"x1-1/4"of approved shade laid in 1/2" grey Cement mortar over a bed of 3/4" thick grey nent mortar 1:2 Ref Item No 56 Page No47	412.00	% SFT	15,361.14	63,287.90
ring floor of approved colour glazed tiles 1/4" thick in ite cement and pigment on a bed of 3/4" thick Cement rtar 1:2 Item No 25 Page No 43	720.00	% SFT	27,747.06	199,778.83
in 1 ment /ing ite c	/2" grey Cement mortar over a bed of 3/4" thick grey mortar 1:2 Ref Item No 56 Page No47 floor of approved colour glazed tiles 1/4" thick in ement and pigment on a bed of 3/4" thick Cement	/2" grey Cement mortar over a bed of 3/4" thick grey mortar 1:2 Ref Item No 56 Page No47 floor of approved colour glazed tiles 1/4" thick in ement and pigment on a bed of 3/4" thick Cement 720.00	/2" grey Cement mortar over a bed of 3/4" thick grey mortar 1:2 Ref Item No 56 Page No47 floor of approved colour glazed tiles 1/4" thick in ement and pigment on a bed of 3/4" thick Cement 720.00 % SFT	/2" grey Cement mortar over a bed of 3/4" thick grey mortar 1:2 Ref Item No 56 Page No47 floor of approved colour glazed tiles 1/4" thick in ement and pigment on a bed of 3/4" thick Cement 720.00 % SFT 27,747.06

S.NO	DESCRIPTION	QTY	UNIT	S/RATE 2012	AMOUNT
	GIRLS HOSTEL PHASE-II BLOCK II IBA STAFF		RACHI U	NIVERSITY	ENCLAVE
	SCHEDULE RATE ITEMS BASED ON CSR (SIN	DH) 2012			
15	DADO & SKIRTING				
i)	TERRAZO TILES				
	Mosaic Tile Skirting laid in 1:2 including Cement wash and filling joints Page No 44 Item No 35 (b) 4"high Glazed tiles dado 1/4" thick laid in pigment over csm 3/4"	500.94	% SFT	13108.37	65,665.07
ii)	thick including finishing.ltem 38Page 45	1337.50	% SFT	28299.3	378,503.14
16	CHEMICAL POLISH ON TERRAZO FLOOR				
	Applying Chemical Polish on existing mosaic / Marble flooring / dado includding cleaning grinding with carborandum stone / sand paper and applying chemical polish as per requirement. Page 49 Item70.	60.00	P SFT	36.60	2,196.00
17	METAL WORK				
А	Providing and fixing GI Frames /Choukhats of size 7"x2" or 4-1/2"x3" for door using 20 SWG GI sheet i/c welded hinges and fixing at site with necessary hold fasts. filling with cement sand slurry of ratio 1:6 and repaing the jambs. The cost includes all carriage, tools and plants used for making and fixing. Item No29 Page No93				
i)	Door Frame 7"x2"	713.00	Prft	240.5	171,476.50
ii)	Door Frame 4-1/2"X3"	236.00	Prft	240.5	56,758.00
18	MS SECURITY GRILLS				
	supplying and fixing in position iron /steel grill of 3/4"x1/4" size flat iron of approved design including painting 3 coats etc. (weight not to be less than 3.7 lbs /sft of finished grill)	492.00	Psft	180.5	88,806.00
19	ALUMINUM WINDOWS /VENTILATORS				
I	Supplying and fixing in position Aluminum Channels framing for sliding windows & ventilators of Alcop made with 5mm thick tinted glazing (Belgium) & Aluminum fly screen including handles, stoppers & locking arrangement etc. complete Deluxe Model (white) Ref. Item No 84(a) Page No 108	308.00	Psft	1592.69	490,548.52
20	WOOD WORK				
l)	Providing and Fixing with sunk iron screws wooden Archives approved design /shape having width not less than 2-1/2 inches as directed by Engineer Incharge. (Item No 60 Page No 66)	1008.00	RFT	49.97	50,369.76
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S.NO	DESCRIPTION	QTY	UNIT	S/RATE 2012	AMOUNT
	GIRLS HOSTEL PHASE-II BLOCK II IBA STAFF			NIVERSITY	ENCLAVE
	SCHEDULE RATE ITEMS BASED ON CSR (SIN	DH) 2012			
21	PAINT				
(i)	CEILING DESTEMPER				
	Distempering three coats page no 54 item no 24 c	6144.41	% SFT	1079.65	66,338.12
ii)	INTERNAL WALL PAINTING				
	Preparing the surface and painting with matt finish Enamel including rubbing the surface with bathy (silicon carbide rubbing brick) filling the voids with zink / chalk / plaster of paris mixture, applying first coat premix, making the surface smooth and then painting 3 coats with matt finish of approved make etc. complete (new surface). Page No. 55, Item No. 36A+36-b. (3 Coats)	19974.50	% SFT	3,444.38	687,997.68
iii)	EXTERNAL WALL PAINTING				
	Preparing the Surface and painting with Weather Coat i/c Rubbing the surface with rubbing brick/sand paper, filling the voids with chalk /plaster of Paris and then paintining with weather coat of approved make (3 Coats) Page No 56 Item no 38-a & B	2256.00	% SFT	2567.95	57,932.95
iv)	PAINT OVER IRON SURFACE				
	Preparing surfaces & Painting Guard bars Gates, iron bars, gratins, railings including standard braces three coats ltem No 5(d) Page No 70	2008.00	% SFT	1270.83	25,518.27
v)	PAINT OVER WOODEN SURFACE				
	Preparing surface and painting of doors and Windows any types (including edges) Priming coat & three coats of paints Ref.: Item no 5 © Page 79.	1570.42	% SFT	2743.14	43,078.82
22	DISMENTALING OF DUMMY COLUMN				
	Dismentaling cement concrete reinforced separating reinforcement from concrete cleaning and straightening the same Item No 20 Page 10	30.00	% CFT	5445	1,633.50
23	CONC. PRECAST PLANKS 3" THICK				
а	Precast RCC in Column , beams, lintols, stair case, shelves, etc Ration 1:1-1/2:3	250.00	Cft	321.77	80,442.50
b	Erecting & fixing in Position precast Conc. Slab in roof, litols etc lift upto 20'-0" including all charges	250.00	Cft	41.77	10,442.50
24	PRECAST CC ORNAMENTAL JALI				
	Providing and fixing CC ornamental jali 2" thick 1:2:4 with out reinforcement.(Item No 11 Page No 18)	190.00	PSFT	226.02	42,943.80
25	HOLLOW BLOCK MASONARY IN WALL				
	Precast Cement Concrete block (1:2:4) including Cost of Templetes and constructing walls there of ItemNo 10 Page No 17)	50.00	CFT	126.81	6,340.50

S.NO	DESCRIPTION	QTY	UNIT	S/RATE 2012	AMOUNT
	GIRLS HOSTEL PHASE-II BLOCK II IBA STAFF			NIVERSIT	ENCLAVE
	SCHEDULE RATE ITEMS BASED ON CSR (SIN	DH) 2012			
26	WATER PROOFING				
	Providing & Applying Hi Bond Sealer Water Proofing polymer Modified Cementious sulleries (WPMCS) to be used as Water Proofing, Anticorrosion, water resistance or curing member for fresh concrete having thickness 2mm in two coats upto 20'-0" height textured or trowel finish grey or coloured i/c preparing the surface for application as directed by Engineer.	50.00	Per % Sft	2282.77	1,141.39
	TOTAL COST IN PKR GROUND FLOOR BASED ON CSR				15,304,240.79
	BASED ON CSR				
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S.NO	DESCRIPTION	QTY	UNIT	S/RATE 2012	AMOUNT
(A)	GIRLS HOSTEL PHASE-II IBA STAFF TOWN KA			TY ENCLAY	E
(a.)	SCHEDULE RATE ITEMS BASED ON CSR (SIN	DH) 2012			
(a)	Structural Works				
1	FIRST FLOOR				
1	REINFORCED CEMENT CONCRETE				
	Reinforced cement concrete work including all labour and material except the cost of steel reinforcement and its labour for bending and binding which will be paid separately. This rate also includes all kinds of forms moulds lifting shuttering curing rendering and finishing the exposed surface (including screening and washing of shingle) Page No. 17. Item No. 6(a)-ii				
	R.C. work in roof slab, beams columns rafts, lintels and other structural members laid in situ or precast laid in position complete in all respects.				
a)	Ratio 1:2: 4 Conc. 90 lbs OPC cement,2 cft Sand 4 Cft stone aggregate				
(i)	Columns in super structure	598	CFT	337	201,517.58
(II)	Beams, lintel beams / with projected nibs etc	2,564		337	864,220.26
(111)	Slabs / projection etc	4.566		337	1,538,900.69
(lv)	Staircase steps, Landing waist etc	241	CFT	337	81,217.00
v)	WALLS	484	CFT	337	163,209,10
2	Steel Reinforcement		0	00.	.00,2000
	NOTE: DEFORM G-60 BAR SHALL BE USED. FOR THE DIFFERENCE IN BASE PRICE BIDDER SHALL QUOTE THE DIFFERENCE AS NON SCHEDULE ITEM Fabrication of mild Steel Reinforcement for Cement Concrete including cutting, bending, laying in position, making joints and fastenings including the cost of binding wire, also include removal of) Item no 8 (b) page No 17	566.263	сwт	5001.7	2,832,276.65
2	using TOR Bar BLOCK MASONARY				
3 i)	6 " OR BELOW THICKNESS				
i)	Providing and laying 1:3:6 cement concrete solid block masonry wall 6" and below in thickness set in 1:6 cement mortar in ground floor Super Structure including raking out joints and curing etc. complete. (Page No. 19, Item No. 24)	3076.06	% Cft	16,099.98	495,244.61
ii)	ABOVE 6 " THICKNESS				
	NOTE: ALL PERIPHERAL OUTER WALL SHALL BE 190MM THICK FAIR FACED PIGMENTED HOLLOW BLOCK MASONARY USING 390MMX190MMX190MM FAIR FACE PIGMENTED HOLLOW BLOCK				
	Providing and laying 1:3:6 cement concrete solid block masonry wall 6" and below in thickness set in 1:6 cement mortar in ground floor Super Structure including raking out joints and curing etc. complete. (Page No. 19, Item No. 23)	943.36	% Cft	14950.41	141,036.19
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S.NO	DESCRIPTION	QTY	UNIT	S/RATE 2012	AMOUNT
(A)	GIRLS HOSTEL PHASE-II BLOCK II IBA STAFF		RACHI U	NIVERSITY	ENCLAVE
	SCHEDULE RATE ITEMS BASED ON CSR (SIN	DH) 2012			
(a)	Structural Works				
	FIRST FLOOR				
4	RENDERING (PLASTER)				
i)	Internal Plaster				
a)	Cement Plaster 1:4 upto 12' height				
	1/2" thick Plaster (for ceiling and wall) Page No. 52, Item No. 11-B	6144.41	% SFT	2,496.76	153,411.17
b)	Cement Plaster 1:6 upto 12' height (Internal)				
	1/2" thick Plaster (for ceiling and wall) Page No. 52, Item No. 13-c	19974.50	% SFT	2,590.50	517,439.42
ii)	External Plaster				
a)	Cement Plaster 1:4 upto 12' height				
i)	3/4" thick Plaster (for ceiling and wall) Page No. 52, Item No. 11-d	2256.00	% SFT	3,191.76	72,006.11
5	FLOORING				
l)	FLOORING SUBBASE CONC. 1:3:6				
a)	Cement Concrete plain including placing, compacting, finishing and curing complete including screening and washing at stone aggregate with out shuttering. (Ref. Item No 5 h, Page No16 1:3:6 Conc. Plain	1536.10	%Cft	12,595.00	193,472.11
В	Do 1:2:4 Concrete	336.12	% SFT	3,275.50	11,009.61
ii)	TERRAZO FLOOR TILES				•
,	Flooring of Mosaic Marble Chips tiles of white cement laid flat in 1:2 grey cement mortar over 3/4" thick bed of grey cement mortar 1:2 Page No 48 Item No 64	5056.50	% SFT	12,698.37	642,093.08
III)	TERRAZO CHEQURED TILES				
	Mosaic Chequre Tiles of 11"x8"x1-1/4"of approved shade laid flat in 1/2" grey Cement mortar over a bed of 3/4" thick grey cement mortar 1:2	412.00	% SFT	15,361.14	63,287.90
IV)	GLAZED FLOOR TILES				
	Laying floor of approved colour glazed tiles 1/4" thick in white cement and pigment on a bed of 3/4" thick Cement mortar 1:2 Item No 25 Page No 43	720.00	% SFT	27,747.06	199,778.83
6	DADO & SKIRTING				
i)	TERRAZO TILES				
	Mosaic Tile Skirting laid in 1:2 including Cement wash and filling joints Page No 44 Item No 35 (b) 4"high	545.16	% SFT	13108.37	71,461.59
ii)	GLAZED TILES ON DADO & SKIRTING				
	Glazed tiles dado 1/4" thick laid in pigment over cement sand mortar 3/4" thick including finishing. Item No 38 Page No 45	1337.50	% SFT	28299.3	378,503.14
7	CHEMICAL POLISH ON TERRAZO FLOOR				
	Applying Chemical Polish on existing mosaic / Marble flooring / dado includding cleaning grinding with carborandum stone / sand paper and applying chemical polish as per requirement. Page 49 Item No 70.	60.00	P SFT	36.60	2,196.00
	 				

S.NO	DESCRIPTION	QTY	UNIT	S/RATE 2012	AMOUNT
	GIRLS HOSTEL PHASE-II BLOCK II IBA STAFF		RACHI U	NIVERSITY	ENCLAVE
	SCHEDULE RATE ITEMS BASED ON CSR (SIN	DH) 2012			
	FIRST FLOOR				
8	METAL WORK				
А	Providing and fixing GI Frames /Choukhats of size 7"x2" or 4-1/2"x3" for door using 20 SWG GI sheet i/c welded hinges and fixing at site with necessary hold fasts. filling with cement sand slurry of ratio 1:6 and repaing the jambs. The cost includes all carriage, tools and plants used for making and fixing. Item No29 Page No93				
i)	Door Frame 7"x2"	713.00	Prft	240.5	171,476.50
ii)	Door Frame 4-1/2" X3"	236.00	Prft	240.5	56,758.00
9	MS SECURITY GRILLS				
	supplying and fixing in position iron /steel grill of 3/4"x1/4" size flat iron of approved design including painting 3 coats etc. (weight not to be less than 3.7 lbs /sft of finished grill)	492.00	Psft	180.5	88,806.00
10	ALUMINUM WINDOWS /VENTILATORS				
ı	Supplying and fixing in position Aluminum Channels framing for sliding windows & ventilators of Alcop made with 5mm thick tinted glazing (Belgium) & Aluminum fly screen including handles, stoppers & locking arrangement etc. complete Deluxe Model (white) Ref. Item No 84(a) Page No 108	488.00	Psft	1592.69	777,232.72
11	WOOD WORK				
l)	Providing and Fixing with sunk iron screws wooden Archives approved design /shape having width not less than 2-1/2 inches as directed by Engineer Incharge.	1008.00	RFT	49.97	50,369.76
12	PAINT				
(i)	CEILING DESTEMPER				
(-)	Distempering three coats page no 54 item no 24 c	6144.41	% SFT	1079.65	66,338.12
ii)	INTERNAL WALL PAINTING	0111.11	70 01 1	1070.00	00,000.12
,	Preparing the surface and painting with matt finish Enamel including rubbing the surface with bathy (silicon carbide rubbing brick) filling the voids with zink / chalk / plaster of paris mixture, applying first coat premix, making the surface smooth and then painting 3 coats with matt finish of approved make etc. complete (new surface). Page No. 55, Item No. 36A+36-b. (3 Coats)	19974.50	% SFT	3,444.38	687,997.68
iii)	EXTERNAL WALL PAINTING				
	Preparing the Surface and painting with Weather Coat i/c Rubbing the surface with rubbing brick/sand paper, filling the voids with chalk /plaster of Paris and then paintining with weather coat of approved make (3 Coats) Page No 56 Item no 38-a & B	2256.00	% SFT	2567.95	57,932.95

S.NO	DESCRIPTION	QTY	UNIT	S/RATE 2012	AMOUNT
(A)	GIRLS HOSTEL PHASE-II BLOCK II IBA STAFF		RACHI U	NIVERSITY	ENCLAVE
	SCHEDULE RATE ITEMS BASED ON CSR (SIN	DH) 2012			
iv)	PAINT OVER IRON SURFACE				
	Preparing surfaces & Painting Guard bars Gates, iron bars, gratins, railings including standard braces three coats ltem No 5(d) Page No 70	2008.00	% SFT	1270.83	25,518.27
v)	PAINT OVER WOODEN SURFACE				
	Preparing surface and painting of doors and Windows any types (including edges) Priming coat & three coats of paints Ref. : Item no 5 © Page 79.	1570.42	% SFT	2743.14	43,078.82
14	CONC. PRECAST PLANKS 3" THICK				
а	Precast RCC in Column , beams, lintols, stair case, shelves, etc Ration 1:1-1/2:3	250.00	Cft	321.77	80,442.50
	Erecting & fixing in Position precast Conc. Slab in	250.00	Cft	41.77	10,442.50
b 15	roof, litols etc lift upto 20'-0" including all charges EXTRA FOR BLOCK LIFT				· · · · · · · · · · · · · · · · · · ·
15	Add Extra lift for Block Masonry in First Floor	8500.00	% SFT	328.97	27,962.45
	TOTAL COST IN PKR FIRST FLOOR BASED	0300.00	70 OI I	320.31	21,302.43
	ON CSR				10,766,637.30
	1				

S.NO	DESCRIPTION	QTY	UNIT	S/RATE 2012	AMOUNT
(A)	GIRLS HOSTEL PHASE-II BLOCK II IBA STAFF			NIVERSITY	ENCLAVE
	SCHEDULE RATE ITEMS BASED ON CSR (SIN	DH) 2012			
(a)	Structural Works				
	SECOND FLOOR				
1	REINFORCED CEMENT CONCRETE				
	Reinforced cement concrete work including all labour and material except the cost of steel reinforcement and its labour for bending and binding which will be paid separately. This rate also includes all kinds of forms moulds lifting shuttering curing rendering and finishing the exposed surface (including screening and washing of shingle) Page No. 17. Item No. 6(a)-ii				
	R.C. work in roof slab, beams columns rafts, lintels and other structural members laid in situ or precast laid in position complete in all respects.				
a)	Ratio 1:2: 4 Conc. 90 lbs OPC cement,2 cft Sand 4				
(i)	Cft stone aggregate Columns in super structure	598	CFT	337	201,517.58
(II)	Beams, lintel beams / with projected nibs etc	2,564	CFT	337	864,220.26
(11)	Slabs / projection etc	4.566	_	337	1,538,900.69
(IV)	Staircase steps, Landing waist etc	241	CFT	337	81,217.00
(v)	WALLS	484	CFT	337	163.209.10
(v) 2	Steel Reinforcement	404	CFI	331	163,209.10
	NOTE: DEFORM G-60 BAR SHALL BE USED. FOR THE DIFFERENCE IN BASE PRICE BIDDER SHALL QUOTE THE DIFFERENCE AS NON SCHEDULE ITEM Fabrication of mild Steel Reinforcement for Cement Concrete including cutting, bending, laying in position, making joints and fastenings including the cost of binding wire, also include removal of) Item no 8 (b) page No 17 using TOR Bar	531	CWT	5152.95	2,735,553.65
3	BLOCK MASONARY				
i)	6 " OR BELOW THICKNESS				
.,	Providing and laying 1:3:6 cement concrete solid block masonry wall 6" and below in thickness set in 1:6 cement mortar in ground floor Super Structure including raking out joints and curing etc. complete. (Page No. 19, Item No. 24)		% Cft	16,531.04	508,504.26
ii)	ABOVE 6 " THICKNESS				
	NOTE: ALL PERIPHERAL OUTER WALL SHALL BE 190MM THICK FAIR FACED PIGMENTED HOLLOW BLOCK MASONARY USING 390MMX190MMX190MM FAIR FACE PIGMENTED HOLLOW BLOCK				
	Providing and laying 1:3:6 cement concrete solid block masonry wall 6" and below in thickness set in 1:6 cement mortar in ground floor Super Structure including raking out joints and curing etc. complete. (Page No. 19, Item No. 23)		% Cft	15381.47	145,102.64

S.NO	DESCRIPTION	QTY	UNIT	S/RATE 2012	AMOUNT
(A)	IBA GIRLS HOSTEL PHASE-II IBA STAFF TOW	N KARACI	II UNIVE	RSITY ENC	LAVE
	SCHEDULE RATE ITEMS BASED ON CSR (SIN	IDH) 2012			
(a)	Structural Works				
	SECOND FLOOR				
4	RENDERING (PLASTER)				
i)	Internal Plaster				
a)	Cement Plaster 1:4 upto 12' height				
	1/2" thick Plaster (for ceiling and wall) Page No. 52, Item No. 11-B	6144.41	% SFT	2,496.76	153,411.17
b)	Cement Plaster 1:6 upto 12' height (Internal)				
	1/2" thick Plaster (for ceiling and wall) Page No. 52, Item No. 13-c	19974.50	% SFT	2,590.50	517,439.42
ii)	External Plaster				
a)	Cement Plaster 1:4 upto 12' height				
i)	3/4" thick Plaster (for ceiling and wall) Page No. 52, Item No. 11-d	2256.00	% SFT	3,191.76	72,006.11
5	FLOORING				
l)	FLOORING SUBBASE CONC. 1:3:6				
a)	Cement Concrete plain including placing, compacting, finishing and curing complete including screening and washing at stone aggregate with out shuttering. (Ref. Item No 5 h, Page No16 1:3:6 Conc. Plain		%Cft	12,595.00	193,472.11
В	Do 1:2:4 Concrete	336.12	% SFT	3,275.50	11,009.61
ii)	TERRAZO FLOOR TILES				
	Flooring of Mosaic Marble Chips tiles of white cement laid flat in 1:2 grey cement mortar over 3/4" thick bed of grey cement mortar 1:2 Page No 48 Item No 64	5056.50	% SFT	12,698.37	642,093.08
III)	TERRAZO CHEQURED TILES				
	Mosaic Chequre Tiles of 11"x8"x1-1/4"of approved shade laid flat in 1/2" grey Cement mortar over a bed of 3/4" thick grey cement mortar 1:2		% SFT	15,361.14	63,287.90
IV)	GLAZED FLOOR TILES				
	Laying floor of approved colour glazed tiles 1/4" thick in white cement and pigment on a bed of 3/4" thick Cement mortar 1:2 Item No 25 Page No 43		% SFT	27,747.06	199,778.83
6	DADO & SKIRTING				
I)	TERRAZO TILES Mosaic Tile Skirting laid in 1:2 including Cement wash and filling joints Page No 44 Item No 35 (b) 4"high	500.94	% SFT	13108.37	65,665.07
ii)	GLAZED TILES ON DADO & SKIRTING	1			
,	Glazed tiles dado 1/4" thick laid in pigment over cement sand mortar 3/4" thick including finishing. Item No 38 Page No 45	1337.50	% SFT	28299.3	378,503.14
7	CHEMICAL POLISH ON TERRAZO FLOOR				
	Applying Chemical Polish on existing mosaic / Marble flooring / dado includding cleaning grinding with carborandum stone / sand paper and applying chemical polish as per requirement. Page 49 Item No 70.		P SFT	36.60	2,196.00
8	METAL WORK Door Frame 7"x2"	675.00	D-tt	240.5	160 207 50
	TITUOOFERAME /"Y/"	675.00	Prft	240.5	162,337.50
i) ii)	Door Frame 4-1/2" x3"	236.00	Prft	240.5	56,758.00

S.NO	DESCRIPTION	QTY	UNIT	S/RATE 2012	AMOUNT
(A)	IBA GIRLS HOSTEL PHASE-II IBA STAFF TOW	N KARACI	II UNIVE	RSITY ENC	LAVE
	SCHEDULE RATE ITEMS BASED ON CSR (SIN	DH) 2012			
(a)	Structural Works				
	SECOND FLOOR				
9	MS SECURITY GRILLS				
	supplying and fixing in position iron /steel grill of 3/4"x1/4" size flat iron of approved design including painting 3 coats etc. (weight not to be less than 3.7 lbs /sft of finished grill)	492.00	Psft	180.5	88,806.00
10	EXTRA LABOUR FOR R.C.C IN 2ND FLOOR				
	Add Extra Labour for RCC in Second Floor	7235.00	CFT	12.1	87,543.50
11	EXTRA LABOUR FOR BLOCK IN 2ND FLOOR				
	Add Extra Labour for block in Second Floor	6500.00	%Sft	760.03	49,401.95
12	EXTRA LABOUR FOR STEEL IN 2ND FLOOR	Ш			
	Add Extra Labour for STEEL in Second Floor	702.62	Cwt	151.25	106,271.28
13	EXTRA LABOUR FOR PLASTER IN 2ND FLOO	R			,
	Add Extra Labour 13% of Labour for PLASTER in Second Floor	34500.00	%SFT	102.25	35,276.25
14	ALUMINUM WINDOWS /VENTILATORS				
I	Supplying and fixing in position Aluminum Channels framing for sliding windows & ventilators of Alcop made with 5mm thick tinted glazing (Belgium) & Aluminum fly screen including handles, stoppers & locking arrangement etc. complete Deluxe Model (white) Ref. Item No 84(a) Page No 108	488.00	Psft	1592.69	777,232.72
15	WOOD WORK				
l)	Providing and Fixing with sunk iron screws wooden Archives approved design /shape having width not less than 2-1/2 inches as directed by Engineer Incharge.	1008.00	RFT	49.97	50,369.76
16	PAINT				
(i)	CEILING DESTEMPER				
(/	Distempering three coats page no 54 item no 24 c	6144.41	% SFT	1079.65	66,338.12
ii)	INTERNAL WALL PAINTING	<u> </u>			,
**/	Preparing the surface and painting with matt finish Enamel including rubbing the surface with bathy (silicon carbide rubbing brick) filling the voids with zink / chalk / plaster of paris mixture, applying first coat premix, making the surface smooth and then painting 3 coats with matt finish of approved make etc. complete (new surface). Page No. 55, Item No. 36A+36-b. (3 Coats)	19974.50	% SFT	3,444.38	687,997.68
iii)	EXTERNAL WALL PAINTING				
,	Preparing the Surface and painting with Weather Coat i/c Rubbing the surface with rubbing brick/sand paper, filling the voids with chalk /plaster of Paris and then paintining with weather coat of approved make (3 Coats) Page No 56 Item no 38-a & B	2256.00	% SFT	2567.95	57,932.95
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S.NO	DESCRIPTION	QTY	UNIT	S/RATE 2012	AMOUNT
(A)	IBA GIRLS HOSTEL PHASE-II IBA STAFF TOW		II UNIVE	RSITY ENC	LAVE
	SCHEDULE RATE ITEMS BASED ON CSR (SIN	DH) 2012			
(a)	Structural Works				
	SECOND FLOOR				
	PAINT (CONTD)				
iv)	PAINT OVER IRON SURFACE				
,	Preparing surfaces & Painting Guard bars Gates, iron bars,				
	gratins, railings including standard braces three coats Item No 5(d) Page No 70	2008.00	% SFT	1270.83	25,518.27
v)	PAINT OVER WOODEN SURFACE				
,	Preparing surface and painting of doors and Windows any types (including edges) Priming coat & three coats of paints Ref.: Item no 5 © Page 79.	1570.42	% SFT	2743.14	43,078.82
17	CONC. PRECAST PLANKS 3" THICK				
а	Precast RCC in Column , beams, lintols, stair case, shelves, etc Ration 1:1-1/2:3	250.00	Cft	321.77	80,442.50
<u> </u>	Erecting & fixing in Position precast Conc. Slab				
	in roof, litols etc lift upto 20'-0" including all charges	250.00	Cft	41.77	10,442.50
b 18	HOLLOW BLOCK MASONARY				
18	HOLLOW BLOCK MASONARY				
	NOTE: ALL PERIPHERAL OUTER WALL SHALL BE 190MM THICK FAIR FACED PIGMENTED HOLLOW BLOCK MASONARY USING 390MMX190MM FAIR FACE PIGMENTED HOLLOW BLOCK PROPERTY COMMENTED HOLLOW BLOCK				
	Precast Cement Concrete block (1:2:4) including Cost of Templetes and constructing walls there of ItemNo 10 Page No 17)	20.00	CFT	126.81	2,536.20
	TOTAL COST IN PKR SECOND FLOOR BASED ON CSR				10,925,371.6
	BASED ON CSK				
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SCHEDULE RATE ITEMS BASED ON CSR (SINDH) 2012 Structural Works	S.NO	DESCRIPTION	QTY	UNIT	S/RATE 2012	AMOUNT
(a) Structural Works THIRD FLOOR REINFORCED CEMENT CONCRETE Reinforced cement concrete work including all labour and material except the cost of steel reinforcement and its labour for bending and binding which will be paid separately. This rate also includes all kinds of forms moulds lifting shuttering curing rendering and finishing the exposed surface (including screening and washing of shingle) Page No. 17. Item No. 6(a)-ii R.C. work in roof slab, beams columns rafts, lintels and other structural members laid in situ or precast laid in position complete in all respects. Ratio 1:2: 4 Conc. 90 lbs OPC cement,2 cft Sand 4 Cft stone aggregate (i) Columns in super structure (ii) Beams, lintel beams / with projected nibs etc (iii) Slabs / projection etc 32 CFT 361.2 134,366.40 (iii) Beams, lintel beams / with projected nibs etc 122 CFT 361.2 43,885.80 (iii) Slabs / projection etc 350 CFT 361.2 126,420.00 2 Steel Reinforcement NOTE: DEFORM G-80 BAR SHALL BE USED. FOR THE DIFFERENCE IN BASE PRICE BIDDER SHALL QUOTE THE DIFFERENCE IN BASE PRICE BIDDER SHALL QUOTE THE DIFFERENCE IN BASE PRICE BIDDER SHALL QUOTE THE DIFFERENCE AS NON SCHEDULE ITEM Fabrication of mild Steel Reinforcement for Cement Concrete including cutting, bending, laying in position, making ioints and fastenings including the cost of binding wire, also include removal of) Item no 8 (b) page No 17 using TOR Bar 3 BLOCK MASONARY i) 6 OR BELOW THICKNESS Providing and laying 1:3:6 cement concrete solid block masonry wall 6" and below in thickness set in 1:6 cement mortar in ground floor Super Structure including raking out joints and fastenge to. complete. (Page No. 19, Item No. 24) ii) ABOVE 6 THICKNESS Providing and laying 1:3:36 cement concrete solid block masonry wall 6" and below in thickness set in 1:6 cement mortar in ground floor Super Structure including raking out position in ground floor Super Structure including raking out position in ground floor Super Structure including raking out position ground floor Super Structure in	(A)				RSITY ENC	LAVE
THIRD FLOOR REINFORCED CEMENT CONCRETE Reinforced cement concrete work including all labour and material except the cost of steel reinforcement and its labour for bending and binding which will be paid separately. This rate also includes all kinds of forms moulds litting shuttering curing rendering and finishing the exposed surface (including screening and washing of shingle) Page No. 17. Item No. 6(a)-ii R.C. work in roof slab, beams columns rafts, lintels and other structural members laid in situ or precast laid in position complete in all respects. Ratio 1:2: 4 Conc. 90 lbs OPC cement, 2 cft Sand 4 Cft stone aggregate (j) Columns in super structure 372 CFT 361.2 134,366.40 (ii) Beams, lintel beams / with projected nibs etc 122 CFT 361.2 43,885.80 (iii) Slabs / projection etc 362 CFT 361.2 130,682.16 (iv) WALLS 350 CFT 361.2 126,420.00 WALLS 350 CFT		H ` ` .	DH) 2012			
REINFORCED CEMENT CONCRETE Reinforced cement concrete work including all labour and material except the cost of steel reinforcement and its labour for bending and binding which will be paid separately. This rate also includes all kinds of forms moulds lifting shuttering curing rendering and finishing the exposed surface (including screening and washing of shingle) Page No. 17. Item No. 6(a)-ii R.C. work in roof slab, beams columns rafts, lintels and other structural members laid in situ or precast laid in position complete in all respects. Ratio 1:2: 4 Conc. 90 lbs OPC cement, 2 cft Sand 4 Cft stone aggregate (i) Columns in super structure 372 CFT 361.2 134,366.40 (ll) Beams, lintel beams / with projected nibs etc 122 CFT 361.2 43,885.80 (ll) Slabs / projection etc 362 CFT 361.2 130,882.16 (ll) Slabs / projection etc 362 CFT 361.2 130,882.16 (ll) Slabs / projection etc 362 CFT 361.2 126,420.00 (ll) Slabs / projection etc 362 CFT 361.2 126,420.00 (ll) Steel Reinforcement NOTE: DEFORM G-60 BAR SHALL BE USED. FOR THE DIFFERENCE IN BASE PRICE BIDDER SHALL QUOTE THE DIFFERENCE AS NON SCHEDULE ITEM Fabrication of mild Steel Reinforcement for Cement Concrete including cutting, bending, laying in position, making joints and lastenings including the cost of binding wire, also include removal of) Item no 8 (b) page No 17 using TOR Bar BLOCK MASONARY 6 **OR BELOW THICKNESS** Providing and laying 1:3:6 cement concrete solid block masonry wall 6* and below in thickness set in 1:6 cement mortar in ground floor Super Structure including raking out goins and uring etc. complete. (Page No. 19, Item No. 24) ii) ABOVE 6** THICKNESS Providing and laying 1:3:6 cement concrete solid block masonry wall 6* and below in thickness set in 1:6 cement mortar in ground floor Super Structure including raking out goins and uring etc. complete. (Page No. 19, Item No. 24) iii) ABOVE 6** THICKNESS Providing and laying 1:3:6 cement concrete solid block masonry wall 6* and below in thickness set in 1:6 cement mortar in ground floor	(a)	Structural Works				
Reinforced cement concrete work including all labour and material except the cost of steel reinforcement and its labour for bending and binding which will be paid separately. This rate also includes all kinds of forms moulds lifting shuttering curing rendering and finishing the exposed surface (including screening and washing of shingle) Page No. 17. Item No. 6(a)-ii R.C. work in roof slab, beams columns rafts, lintels and other structural members laid in situ or precast laid in position complete in all respects. Ratio 1:2: 4 Conc. 90 lbs OPC cement, 2 cft Sand 4 Cft stone aggregate (i) Columns in super structure 372 CFT 361.2 134,366.40 (lt) Beams, lintel beams / with projected nibs etc 122 CFT 361.2 43,885.80 (lt) Slabs / projection etc 362 CFT 361.2 130,682.16 (lt) Slabs / projection etc 362 CFT 361.2 126,420.00 (lt) WALLS 350 CFT 361.2 126		THIRD FLOOR				
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Slabs / projection etc 362 CFT 361.2 130,682.16 IV	_ ` ′					
WALLS 350 CFT 361.2 126,420.00	` '					· · · · · · · · · · · · · · · · · · ·
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i) 6 " OR BELOW THICKNESS Providing and laying 1:3:6 cement concrete solid block masonry wall 6" and below in thickness set in 1:6 cement mortar in ground floor Super Structure including raking out joints and curing etc. complete. (Page No. 19, Item No. 24) 656.58 % Cft 16,962.10 111,369.76		Concrete including cutting, bending, laying in position, making joints and fastenings including the cost of binding wire, also include removal of) Item no 8 (b) page No 17	37.8	CWT	5455.45	206,216.01
Providing and laying 1:3:6 cement concrete solid block masonry wall 6" and below in thickness set in 1:6 cement mortar in ground floor Super Structure including raking out joints and curing etc. complete. (Page No. 19, Item No. 24) ABOVE 6 " THICKNESS NOTE: ALL PERIPHERAL OUTER WALL SHALL BE 190MM THICK FAIR FACED PIGMENTED HOLLOW BLOCK MASONARY USING 390MMX190MMX190MM FAIR FACE PIGMENTED HOLLOW BLOCK	3	BLOCK MASONARY				
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NOTE: ALL PERIPHERAL OUTER WALL SHALL BE 190MM THICK FAIR FACED PIGMENTED HOLLOW BLOCK MASONARY USING 390MMX190MMX FAIR FACE PIGMENTED HOLLOW BLOCK Providing and laying 1:3:6 cement concrete solid block masonry wall 6" and below in thickness set in 1:6 cement mortar in ground floor Super Structure including raking out 268.00 % Cft 15812.53 42,377.58	Í	masonry wall 6" and below in thickness set in 1:6 cement mortar in ground floor Super Structure including raking out	656.58	% Cft	16,962.10	111,369.76
190MM THICK FAIR FACED PIGMENTED HOLLOW BLOCK MASONARY USING 390MMX190MMX190MM FAIR FACE PIGMENTED HOLLOW BLOCK Providing and laying 1:3:6 cement concrete solid block masonry wall 6" and below in thickness set in 1:6 cement mortar in ground floor Super Structure including raking out 268.00 % Cft 15812.53 42,377.58	ii)	ABOVE 6 " THICKNESS				
masonry wall 6" and below in thickness set in 1:6 cement mortar in ground floor Super Structure including raking out 268.00 % Cft 15812.53 42,377.58		190MM THICK FAIR FACED PIGMENTED HOLLOW BLOCK MASONARY USING 390MMX190MMX190MM				
		masonry wall 6" and below in thickness set in 1:6 cement mortar in ground floor Super Structure including raking out	268.00	% Cft	15812.53	42,377.58

S.NO	DESCRIPTION	QTY	UNIT	S/RATE 2012	AMOUNT
(A)	GIRLS HOSTEL PHASE-II BLOCK I IBA STAFF	TOWN KA	RACHI UI	NIVERSITY	ENCLAVE
	SCHEDULE RATE ITEMS BASED ON CSR (SIN	DH) 2012			
(a)	Structural Works				
	THIRD FLOOR				
4	RENDERING (PLASTER)				
i)	Internal Plaster				
a)	Cement Plaster 1:4 upto 12' height				
	1/2" thick Plaster (for ceiling and wall)Page52, Item11-B	540.00	% SFT	2,496.76	13,482.50
b)	Cement Plaster 1:6 upto 12' height (Internal)				
	3/4" thick Plaster (for ceiling and wall) Page 52, Item13-c	1107.00	% SFT	2,590.50	28,676.84
ii)	External Plaster				
a)	Cement Plaster 1:4 upto 12' height				
i)	3/4" thick Plaster (for ceiling and wall) Page No. 52, Item No. 11-d	650.00	% SFT	3,191.76	20,746.44
5	FLOORING				
iv)	TERRAZO FLOOR CHEQURED				
v	Mosaic Chequre Tiles of 11"x8"x1-1/4"of approved shade laid flat in 1/2" grey Cement mortar over a bed of 3/4" thick grey cement mortar 1:2	96.00	% SFT	15,361.14	14,746.69
vi)	CHEMICAL POLISH ON TERRAZO FLOOR				
	Applying Chemical Polish on existing mosaic / Marble flooring / dado includding cleaning grinding with carborandum stone / sand paper and applying chemical polish as per requirement. Page 49 Item No 70.	5.00	P SFT	36.60	183.00
6	DADO & SKIRTING				
i)	TERRAZO TILES				
,	Mosaic Tile Skirting laid in 1:2 including Cement wash and filling joints Page No 44 Item No 35 (b) 4"high	7.92	% SFT	13108.37	1,038.18
7	PAINT				
(i)	CEILING DESTEMPER				
	Distempering three coats page no 54 item no 24 c	540.00	% SFT	1079.65	5,830.11
ii)	INTERNAL WALL PAINTING				
	Preparing the surface and painting with matt finish Enamel including rubbing the surface with bathy (silicon carbide rubbing brick) filling the voids with zink / chalk / plaster of paris mixture, applying first coat premix, making the surface smooth and then painting 3 coats with matt finish of approved make etc. complete (new surface). Page No. 55, Item No. 36-b. (3 Coats)		% SFT	3,444.38	38,129.29
iii)	EXTERNAL WALL PAINTING				
,	Preparing the Surface and painting with Weather Coat i/c Rubbing the surface with rubbing brick/sand paper, filling the voids with chalk /plaster of Paris and then paintining with weather coat of approved make (3 Coats) Page No 56 Item no 38-a & B	8581.00	% SFT	2567.95	220,355.79
8	MS SECURITY GRILLS	Ì			
-	supplying and fixing in position iron /steel grill of 3/4"x1/4" size flat iron of approved design including painting 3 coats etc. (weight not to be less than 3.7 lbs /sft of finished grill)	168.00	Psft	180.5	30,324.00

S.NO	DESCRIPTION	QTY	UNIT	S/RATE 2012	AMOUNT
(A)	GIRLS HOSTEL PHASE-II BLOCK I IBA STAFF			NIVERSITY	ENCLAVE
	SCHEDULE RATE ITEMS BASED ON CSR (SIN	DH) 2012			
(a)	Structural Works				
	THIRD FLOOR				
9	PRECAST RAIN WATER SPOUT				
	Reinforced Cement Concrete RCC spout including floxing in position with top & Bottom Khuras Item 27 Page 19	13.00	Each	524.98	6,824.74
10	EXTRA LABOUR FOR R.C.C IN 3RD FLOOR				
	Add Extra Labour for RCC in Third Floor	855.00	CFT	24.2	20,691.00
11	EXTRA LABOUR FOR BLOCK IN 3RD FLOOR				
	Add Extra Labour for block in Third Floor	1500.00	%Sft	1191	17,865.00
12	EXTRA LABOUR FOR STEEL IN 2ND FLOOR				
	Add Extra Labour for STEEL in Second Floor	54.00	Cwt	301	16,254.00
13	EXTRA LABOUR FOR PLASTER IN 2ND FLOO	R			,
	Add Extra Labour 32% of Labour for PLASTER in Third Floor	5200.00	%SFT	251.86	13,096.72
	TOTAL COST OF THIRD FLOOR BASED ON SCHEDULE OF RATES 2012				1,243,562.01
					İ

S.NO	DESCRIPTION	QTY	UNIT	S/RATE 2012	AMOUNT
	IBA GIRLS HOSTEL PHASE-II IBA STAFF TOWN			RSITY ENCL	.AVE
	SCHEDULE RATE ITEMS BASED ON CSR (SIN	DH) 2012			
Α	COMPOUND WALL				
1	Jungle Clearance				
	Jungle Clearance and removing within 100 ft (b)				F00 00
	thick Item No 4 (b) Page 95 Chapter 18	3500.00	%) Cft	151.25	529.38
2	EXCAVATION FOR FOUNDATION		, , , , , , , , , , , , , , , , , , ,		
	Excavation in shingle or gravel formation and rock in dry				
а	not requiring blasting undressed lead upto 100ft. (Page	4,375	%0Cft	5,747.50	25,145.31
	No1 item No 4)				
L	Cutting Hard Rock such as granite, ballast, hard lime stone	500	0/00#	00.070.05	44 220 02
b	or sand stone etc with chiesel and hammers for small foundations. Item No 19 Page -4	500	%0Cft	28,672.05	14,336.03
3	DISPOSAL OF EARTH				
3	Cartage of 100Cft/ 5 Tons of all material like stones,				
	aggregate, spawl,Coal,lime, surkhi etc by Truck	2,500	% CFT	407.00	10,175.00
	lead 1 mile	_,000	, , , , ,		. 5, . 7 5.50
4	Back Filling				
a)	USING EXCAVATED/SURPLUS EARTH PRESENT AT SITE	l			
α,	Filling, watering and ramming earth in floors with surplus				
i)	earth from foundation lead upto one chain and lift upto 5'-	2500.00	%0 CFT	1512.5	3,781.25
,	0" (Item No 21 Page No 4)				-, -
5	LEAN CONCRETE				
	Cement concrete plain including placing compacting,				
i)	finishing and curing complete (including screining and				
''	washing at stone aggregate without shuttering (Page No. 16, Item No. 5-i) 1:4:8 Concrete				
-\	Under Footing	440	0/ OFT	44.000.75	40.070.50
a)	, , , , , , , , , , , , , , , , , , ,		% CFT	11,288.75	49,670.50
ii)	Concrete 1:3:6 under plinth Page No 16 Item No 5-(h)	1,120	% CFT	12,595.00	141,064.00
6	STONE SOLING				
	Stone pitching including sub-base with hammer dressed stone on surface laid in courses including carriage of				
	materials chains. (Page No. 32, Item No. 23) 6" THICK	390.00	%Cft	5,377.63	20,972.76
	I age ite: 62, itemite: 20, 6 iiiieit				
7	REINFORCED CONCRETE				
	Reinforced cement concrete work including all labour				
	and material except the cost of steel reinforcement				
	and its labour for bending and binding which will be				
	paid separately. This rate also includes all kinds of				
	forms moulds lifting shuttering curing rendering and				
	finishing the exposed surface (including screening				
	and washing of shingle) Page No. 17. Item No. 6(a)-ii				
	NOTE : ALL STRUCTURAL CONCRETE UPTO PLINTH LEVEL				
	SHALL BE WITH SULPHATE RESISTING CEMENT .HOWEVER				
	MENTIONED IN NON-SCHEDULE ITEM.				
	R.C. work in roof slab, beams columns rafts, lintels				
A)	and other structural members laid in situ or precast				
- >	Ratio 1:2: 4 Conc. 90 lbs OPC cement,2 cft Sand 4 Cft				
a)	stone aggregate				
(I)	Foundation	600.00	CFT	337	202,200.00
(II)	Column up to P. Level.	175.00	CFT	337	58,975.00
(III)	Plinth beams	337.50	CFT	337	113,737.50
					,

S.NO	DESCRIPTION	QTY	UNIT	S/RATE 2012	AMOUNT
	IBA GIRLS HOSTEL PHASE-II IBA STAFF TOWN			SITY ENC	LAVE
	SCHEDULE RATE ITEMS BASED ON CSR (SIN	DH) 2012			
Α	COMPOUND WALL				
7	REINFORCED CONCRETE (CONTD.)				
(iv)	Columns in super structure	200	CFT	337	67,400.00
8	Steel Reinforcement				
	Fabrication of mild Steel Reinforcement for Cement Concrete including cutting, bending, laying in position, making joints and fastenings including the cost of binding wire, also include removal of) Item no 8 (b) page No 17 using TOR Bar NOTE: ALL REINFORCEMENT BAR USED SHALL BE DEFORMED GRADE 60. THE DIFFERENCE OF COST	120	CWT	5001.7	600,204.00
	SHALL BE QUOTED BY THE BIDDER AS NON SCHEDULE ITEM.				
9	BLOCK MASONARY				
a)	SOLID				
i)	6 " OR BELOW THICKNESS				
	Providing and laying 1:3:6 cement concrete solid block masonry wall 6' and below in thickness set in 1:6 cement mortar in ground floor Super Structure including raking out joints and curing etc. complete. (Page No. 19, Item No. 24)		% Cft	15,771.01	189,252.12
10	RENDERING (PLASTER)				
i)	Internal Plaster				
a)	Cement Plaster 1:4 upto 12' height				
	1/2" thick Plaster (for ceiling and wall) Page No. 52, Item No. 11-B	2500.00	% SFT	2,496.76	62,419.00
b)	Cement Plaster 1:6 upto 12' height (Internal)				
	1/2" thick Plaster (for ceiling and wall) Page No. 52, Item No. 13-c	4800.00	% SFT	2,590.50	124,344.00
11	DAMP PROOFING				
i)	Horizontal DPC				
,	Damp proof course 2" thick with (cement sand and shingle concrete 1:2:4) including 2 coats of asphaltic mixture. (Page No. 18, Item No. 28-b)	300.00	%Sft	3,912.85	11,738.55
ii)	Vertical DPC				
	Vertical Damp Proof Course of 3/4' thick Cement Plaster 1:2 with Bitumen at 20 LBS per % Sft. Page N0 107 Item No 70	1800.00	%Sft	2,760.99	49,697.82
12	WEATHER SHIELD PAINT				
	Preparing the Surface and painting with Weather Coat i/c Rubbing the surface with rubbing brick/sand paper, filling the voids with chalk /plaster of Paris and then paintining with weather coat of approved make (3 Coats) Page No 56 Item no 38-a & B	4500.00	% SFT	2567.95	115,557.75
13	PAINT OVER IRON SURFACE				
	Preparing surfaces & Painting Guard bars Gates, iron bars, gratins, railings including standard braces three coats ltem No 5(d) Page No 70	50.00	% SFT	1270.83	635.42
	TOTAL COST IN PKR GROUND FLOOR BASED ON CSR				1,861,835.37
-	BAGLD ON COR				

S.NO	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	GIRLS HOSTEL BLOCK -1 &II PHASE-II				
	NON -SCHEDULE RATE ITEMS BASED ON ENGINE	ER'S PRE	VAILING I	ARKET RA	TE 2021
	GROUND FLOOR				
	STRUCTURAL				
1	IMPORTED EARTH FILLING				
	Supply, place and compact in layers of 6" thick				
	compacted thickness to 95% Modified Proctor's				
	Relative Dry Density, approved selected earth				
	brought from outside to soil groups GM, SW, and ML				
	as per ASTM D2487-85 (as amended) (classification	5500.00			
	of soil for engineering purpose) including cost of	5500.00	CFT		
	laboratory and field tests, spreading , leveling,				
	watering and compaction etc; complete in all respect				
	as per drawing and specifications and as instructed				
	by the ENGINEER INCHARGE.				
2	ADD EXTRA FOR SULPHATE RESISTANT CEMENT	Г			
	Add for Extra for SR cement used below plinth	3000	Bags		
3	ADD EXTRA FOR DEFORM BAR USED				
	Add extra for G-60 Deformed bar used in liu of Tor	814	Cwt		
	Bar	014	CWI		
	ARCHITECTRUAL				
4	PRECAST SPIRAL STAIR CASE				
	Providing, making and fixing Pre Cast Spiral staircase				
	using 1:2:4 concrete with nominal steel complete in all	2.00	Foob		
	respects confirming to the details given in drawing,	2.00	Each		
	specification and as per direction of Engineer.				
5	STAIR CASE RAILING				
I)	WALL HAND RAIL				
	Providing, fabricating and fixing wall hand rail, using				
	MS tube rail bracket fix to the wall as per detail CW-				
	04 including 3" thick Circular wooden hand rail at top				
	screwed with pipe rail including cost of polish on		RFT		
	wooden rail. Complete in all respects confirming to				
	the requirements of drawings, specifications and as				
	per direction by the Engineer.				
II)	STAIR CASE RAILING				
	Providing, fabricating & fixing 3'-0" high staircase				
	railing, using 5/8" MS Square bar with 1-1/2" wide and				
	1/4" thick strip stiffner horizontal for support all welded				
	properly and anchored/grouted to RCC structures				
	including 3" circular wooden hand rail at top screwed	60.00	RFT		
	with flat iron strip welded to Balusters including cost of		IXI I		
	3 coat of red oxide paint and polish on wooden rail as				
	per detail AW-71.2 (w) complete in all respects				
	confirming to the requirement of drawings,				
	specification and as direction by the Engineer.				

S.NO	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	GIRLS HOSTEL BLOCK -1 &II PHASE-II		· · · · · ·		
	NON -SCHEDULE RATE ITEMS BASED ON ENGINE	ER'S PRE	VAILING N	ARKET RA	TE 2021
6	ROUGH CAST MACHINE PLASTER				
	Providing and applying 1/8" thick rough cast plaster				
	over external grooved plastered surface using 1:3				
	CSM includding scaffolding, levelling, finishing, curing		SFT		
	etc at any height as per drawing, specification as per				
7	direction. GLASS FOR SKY LIGHT				
1	Providing and fixing 6mm thick clear glass for sky				
	light . Fix into MS frame of door including cost of				
	wooden beading etc complete in all respects	140	SFT		
	confirming of drawing and specification and to the				
	entire satisfaction of the Engineer.				
8	DOOR PANEL				
(i)	SOLID CORE FLUSH DOOR				
	Providing &fixing in position type D4 as per size				
	given on drg, Solid Core flush shutter door 1-1/2"				
	thick including 3 ply 1/8" (3mm)thick Commercial ply				
	on both sides hydraulically pressed with 1/2"deodar	546			
	lipping alaround including hard ware like hinges.		SFT		
	Bolts, latches, aldrops, locks, as per approved list				
	including cost of antitermite treatment complete as				
	per specifications. (Enamel paint measured and paid				
(**)	separately as per item of BOQ.)	45	OFT		
(ii)	Do for utility room but with lock as per drg.	45	SFT		
(iii)	Do but for emergency door with 4mm thick Glass vision panel as per drg.	45	SFT		
	Do but Bath Room Door D7 Panels 2-6"x 6'-6" with		_		
(iv)	SS Kick Plate on both sides & push plate /handle	260	SFT		
9	FAIR FACED HOLLOW BLOCK CAVITY WALL				
9	90MM THICK IN EXISTING BLOCK 3 & BLOCK 4				
	Proving and laying in position fairfaced hollow block				
	390x190x90mm Envicrete or equivalent pigmented block masonry 90mm thick CAVITY WALL with				
(I)	1:4CSM with 10mm racked joint including drilling and	1475	SFT		
	fixing 3/8"dia pin in existing wall as per drawing &				
	direction all complete in all respect.				
II)	DO - BUT USING SOLID BLOCK 90MM THICK	300	SFT		
10	FAIR FACED HOLLOW BLOCK MASONARY				
	Providing and laying 190mm thick Block Masonary				
	using 390mmx190mmx190mm produced by				
	Envicrete, Izhar, Banu Mukhtar or equivalent as				
	approved Fair Faced Pigmented Hollow Block masonry using 10mm thick 1:4 CSM in approved				1
	shade and make. The average minimum				
I)	Compressice strength of hollow block 1000 psi +/-5%	2500	SFT	160	400000.00
	based on net area including cost of all type of				
	material, transportation, loading ,unloading, wastage,				1
	scafolding, curing, raking out joints in true level and				1
	length etc complete including removing of all dirt,				
11)	debris, strain etc. complete.	500	CET	475	07500.00
II)	DO - BUT USING SOLID BLOCK 190MM THICK	500	SFT	175	87500.00

S.NO	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	GIRLS HOSTEL BLOCK -1 &II PHASE-II				
	NON -SCHEDULE RATE ITEMS BASED ON ENGINE	ER'S PRE	AILING I	MARKET RA	TE 2021
11	ALUMINUM PROFILE ON EXPANSION JOINT				
11	WALL				
	Providing and fixing aluminum profile 4"x3/4" in				
	vertical expansion joint , fixed one side with screws at				
	12" C/C, including cutting of strip fixing tightly so as	80.00	Rft		
	as to make the points weather tight , as per detail No	00.00	1 (1)		
	CW 01.1 complete as per drawing and as per				
	direction.				
12	ALUMINUM METAL SADDLE IN FLOOR				
	EXPANSION JOINT Providing and Fixing 4" wide metal saddle fastened to				
	expansion joint in floor fixed one side with screw @9"	65.00			
	C/C , including cutting of strip, fixing tightly so as to		Rft		
	make the joints weather tight, as per detail CW 011				
	complete as per drawing and direction.				
13	FALSE CEILING				
	Providing and installing 2'-0"x2'-0" Gypsum Board				
	Moisture Resistant Ceiling Tiles including GI				
	suspension system, attachment devices, hanger edge				
	moulding, trim clip and trimming, including making	580.00	SFT		
	provision for light fixture, A/C diffusers, smoke				
	detectors etc. Complete in the respect and confirming				
	to the requirements of drawings, specification.				
14	THERMOPORE IN EXPANSION JOINT				
•	Providing and fixing thermopore in expansion joint(
	density 35Kg/Cum) of Column, beam, roof and	540.00	04		
	removing after concrete pouring complete as per	510.00	Sit		
	drawing & specification.				
15	GROOVE PLASTER				
	Providing and laying 1-1/2" thick external groove				
	plaster (1:5) CSM to external block masonary and				
	concrete wall surface, 3/4" thick base plaster and 3/4"				
	thick and 5" wide strip making 3/4"x1" groove	1800.00	SFT		
	between strip including scaffolding, levelling, finishing				
	and curing as per detail CW No 8 etc at any height				
	including making vertical and horizontal control joints				
4.0	as per drawing and specification and as per direction.				
16	MS RAFTER Providing ,Fabricating and fixing powder coated MS				
	Rafter sunshade louvers consisting of 4 Nos of				
	18SWG sheet metal powder coated 1-1/2"x4"				
	rectangular box as per detail MW -04. All boxes /	050.55	0.5.5		
	louver properly anchored with wall and ceiling	350.00	SFI		
	including cost of powder coating etc complete in all				
	respects confirming to the requirements of drawing,				
	specification and as directed by the Engineer.				

S.NO	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	IBA GIRLS HOSTEL PHASE-II AT IBA STAFF	TOWN KA	RACHI U	NIVERSITY	ENCLAVE
	NON -SCHEDULE RATE ITEMS BASED ON ENGINE	ER'S PRE	/AILING I	MARKET RA	TE 2021
	GROUND FLOOR				
17	EXPANSION JOINT				
	Providing and making expansion joint including cost of 1"x1"Sealing Compound filling by gun or as specified by the manufacturer's recommendation (PU-300 of Pagel or its equivalent) with Backer Rod as per drawing ST-05), specifications and as directed by the Engineer.	105.00	RFT		
18	WINDOW BLIND				
	Provide and install window blinds of approved sample (thermec or approved equivalent) including lifting and fixing etc, complete as per drawings, specification instructions of the architect.	416.00	SFT		
19	MIRROR IN LAVATORY BLOCK				
	Provide and install in position, mirror in toilet consisting of 6mm thick Belgium mirror, double polished front and rear of approved quality with 12mm thick commercial ply backing fixed with 30x6 mm thick imported (European) SS clip, fix on wall including wastage, fixing and accessories etc. complete in all respect as per drawing, specifications and as instructed by the ENGINEER.		SFT		
20	WARD ROBE				
	Providing and making full height wardrobe as per drawing No AW-74 and detail ww-02 using first class deodar wood frame and 3/4" thick laminated MDF both side for shutter and shelves and drawer etc and deodar wood 3/4" x3/4" lipping on exposed edges. All wooden surfaces to be cleared lacquer polish including cost of polish, hard ware, hinges, handles, locks and antitermite treatment etc complete in all respect confirming to the requirement as per drawing and specification and direction by Engineer Incharge.	1480.00	SFT		
	TOTAL AMOUNT FOR NON SCHEDULE ITEMS GRO	UND FLOC	DR		
<u> </u>					

S.NO	DESCRIPTION	QTY	UNIT	RATE	AMOUNT	
	IBA GIRLS HOSTEL PHASE-II AT IBA STAFF T	OWN KA	RACHI UN		ENCLAVE	
	NON -SCHEDULE RATE ITEMS BASED ON ENGINE	EER'S PRE	VAILING I	MARKET RA	ATE 2021	
	FIRST FLOOR					
	STRUCTURAL					
1	ADD EXTRA FOR DEFORM BAR USED					
	Add extra for G-60 Deformed bar used in liu of Tor	664	Cwt			
2	STAIR CASE RAILING					
I)	WALL HAND RAIL					
-,	Providing, fabricating and fixing wall hand rail, using					
	MS tube rail bracket fix to the wall as per detail CW-					
	04 including 3" thick Circular wooden hand rail at top					
	screwed with pipe rail including cost of polish on	H	RFT			
	wooden rail. Complete in all respects confirming to	H				
	the requirements of drawings, specifications and as					
	per direction by the Engineer.					
II)	STAIR CASE RAILING					
,	Providing, fabricating & fixing 3'-0" high staircase		<u> </u>		1	
	railing, using 5/8" MS Square bar with 1-1/2" wide and	11				
	1/4" thick strip stiffner horizontal for support all welded					
	properly and anchored/grouted to RCC structures					
	including 3" circular wooden hand rail at top screwed		RFT			
	with flat iron strip welded to Balusters including cost of	60.00	KFI			
	3 coat of red oxide paint and polish on wooden rail as					
	per detail AW-71.2 (w) complete in all respects					
	confirming to the requirement of drawings,					
	specification and as direction .					
3	ROUGH CAST MACHINE PLASTER					
	Providing and applying 1/8" thick rough cast plaster					
	over external grooved plastered surface using 1:3	1800	SFT			
	CSM includding scaffolding, levelling, finishing, curing	1600	SFI			
	etc at any height as per drawing, specification.					
4	GLASS FOR SKY LIGHT					
	Providing and fixing 6mm thick clear glass for sky					
	light . Fix into MS frame of door including cost of					
	wooden beading etc complete in all respects	11	SFT			
	confirming of drawing and specification and to the					
5	entire satisfaction of the Engineer. SOLID CORE FLUSH DOOR PANEL				+	
ა	Providing &fixing in position type D4 as per size		+		+	
	given on drg, Solid Core flush shutter door 1-1/2"					
	thick including 3 ply 1/8" (3mm)thick Commercial ply				1	
	on both sides hydraulically pressed with 1/2"deodar					
(I)	lipping alaround including hard ware like hinges.		SFT			
(1)	Bolts, latches, aldrops, locks, as per approved list		040 SF1			
	including cost of antitermite treatment complete as					
	per specifications. (Enamel paint measured and paid	H			1	
	separately as per item of BOQ.)				1	
(ii)	Do for utility room but with lock as per drg.	45	SFT		†	
` '	Do but for emergency door with 4mm thick Glass	1			†	
(iii)	vision panel as per drg.	45	SFT		1	
(iv)	Do but Bath Room Door D7 Panels 2-6"x 6'-6" with	260	SFT			
(17)	SS Kick Plate on both sides & push plate /handle	200	OF I			

S.NO	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	IBA GIRLS HOSTEL PHASE-II AT IBA STAFF T	OWN KAR	ACHI UN	IVERSITY I	ENCLAVE
	NON -SCHEDULE RATE ITEMS BASED ON ENGINE				
	FIRST FLOOR				
6	FAIR FACED HOLLOW BLOCK CAVITY WALL				
U	90MM THICK IN EXISTING BLOCK 3 & BLOCK 4				
	Proving and laying in position fairfaced hollow block				
	390x190x90mm Envicrete or equivalent pigmented block masonry 90mm thick CAVITY WALL with				
(I)	1:4CSM with 10mm racked joint including drilling and	1475	SFT		
	fixing 3/8"dia pin in existing wall as per drawing &				
	direction all complete in all respect.				
II)	DO - BUT USING SOLID BLOCK 90MM THICK	300	SFT		
7	FAIR FACED HOLLOW BLOCK MASONARY				
	Providing and laying 190mm thick Block Masonary				
	using 390mmx190mmx190mm produced by				
	Envicrete, Izhar, Banu Mukhtar or equivalent as				
	approved Fair Faced Pigmented Hollow Block masonry using 10mm thick 1:4 CSM in approved				
	shade and make. The average minimum		SFT		
(I)	Compressice strength of hollow block 1000 psi +/-5%	2500	SFT		
	based on net area including cost of all type of				
	material, transportation, loading ,unloading, wastage,				
	scafolding, curing, raking out joints in true level and				
	length etc complete including removing of all dirt,				
(II)	debris, strain etc. complete. DO- BUT SOLID FAIR FACED 390MM THICK	500	SFT		
`,	ALUMINUM PROFILE ON EXPANSION JOINT WALL	300	01 1		
8	The sum to the second sent which				
	Providing and fixing aluminum profile 4"x3/4" in				
	vertical expansion joint , fixed one side with screws at				
	12" C/C, including cutting of strip fixing tightly so as	80.00	Rft		
	as to make the points weather tight, as per detail No CW 01.1 complete as per drawing and as per				
	Idirection.				
9	ALUMINUM METAL SADDLE IN FLOOR				
9	EXPANSION JOINT				
	Providing and Fixing 4" wide metal saddle fastened to				
	expansion joint in floor fixed one side with screw @9"	65.00	Rft		
	C/C , including cutting of strip, fixing tightly so as to make the joints weather tight, as per detail CW 011	65.00	Kit		
	complete as per drawing and direction.				
10	FALSE CEILING				
	Providing and installing 2'-0"x2'-0" Gypsum Board				
	Moisture Resistant Ceiling Tiles including GI				
	suspension system, attachment devices, hanger edge				
	moulding, trim clip and trimming, including making	580.00	SFT		
	provision for light fixture, A/C diffusers, smoke				
	detectors etc. Complete in the respect and confirming		ļ		
	to the requirements of drawings, specification.				

S.NO	DESCRIPTION	QTY	UNIT		
	IBA GIRLS HOSTEL PHASE-II AT IBA STAFF T	2		VIVERSITY	ENCLAVE
	NON -SCHEDULE RATE ITEMS BASED ON ENGINE	ER'S PRE	/AILING	MARKET RA	TE 2021
	FIRST FLOOR				
11	GROOVE PLASTER				
	Providing and laying 1-1/2" thick external groove				
	plaster (1:5) CSM to external block masonary and				
	concrete wall surface, 3/4" thick base plaster and 3/4"	1800.00			
	thick and 5" wide strip making 3/4"x1" groove		SFT		
	between strip including scaffolding, levelling, finishing	1000.00	31 1		
	and curing as per detail CW No 8 etc at any height				
	including making vertical and horizontal control joints				
	as per drawing and specification and as per direction.				
12	ROUGH CAST MACHINE PLASTER				
	Providing and applying 1/8" thick rough cast plaster				
	over external grooved plastered surface using 1:3	1800	CET		
	CSM includding scaffolding, levelling, finishing, curing etc at any height as per drawing, specification as per		SFT		
	direction.				
13	GLASS FOR SKY LIGHT				
	Providing and fixing 6mm thick clear glass for sky				
	light . Fix into MS frame of door including cost of				
	wooden beading etc complete in all respects		SFT		
	confirming of drawing and specification and to the entire satisfaction of the Engineer.				
14	MS RAFTER				
	Providing ,Fabricating and fixing powder coated MS				
	Rafter sunshade louvers consisting of 4 Nos of				
	18SWG sheet metal powder coated 1-1/2"x4"				
	rectangular box as per detail MW -04. All boxes / louver properly anchored with wall and ceiling	350.00	SFT		
	including cost of powder coating etc complete in all				
	respects confirming to the requirements of drawing,				
	specification and as directed by the Engineer.				
15	THERMOPORE IN EXPANSION JOINT				
	Providing and fixing thermopore in expansion joint(
	density 35Kg/Cum) of Column, beam, roof and	510.00	Sft		
	removing after concrete pouring complete as per drawing & specification.		0		
16	EXPANSION JOINT				
10	Providing and making expansion joint including cost				
	of 1"x1"Sealing Compound filling by gun or as				
	specified by the manufacturer's recommendation (PU-	105.00	105.00 RFT		
	300 of Pagel or its equivalent) with Backer Rod as	105.00	KFI		
	per drawing ST-05), specifications and as directed by the Engineer.				
17	WINDOW BLIND			-	
17	Provide and install window blinds of approved sample				
	(thermec or approved equivalent) including lifting and	000.00	057		
	fixing etc, complete as per drawings, specification	336.00	SFT		
	instructions of the architect.				

S.NO	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	IBA GIRLS HOSTEL PHASE-II AT IBA STAFF T	OWN KAR	ACHI UN	IIVERSITY	ENCLAVE
	NON -SCHEDULE RATE ITEMS BASED ON ENGINE	ER'S PRE\	AILING N	MARKET RA	TE 2021
	FIRST FLOOR				
18	MIRROR IN LAVATORY BLOCK				
	Provide and install in position, mirror in toilet consisting of 6mm thick Belgium mirror, double polished front and rear of approved quality with 12mm thick commercial ply backing fixed with 30x6 mm thick imported (European) SS clip, fix on wall including wastage, fixing and accessories etc. complete in all respect as per drawing, specifications and as instructed by the ENGINEER.	50.00	SFT		
19	WARD ROBE				
	Providing and making full height wardrobe as per drawing No AW-74 and detail ww-02 using first class deodar wood frame and 3/4" thick laminated MDF both side for shutter and shelves and drawer etc and deodar wood 3/4" x3/4" lipping on exposed edges. All wooden surfaces to be cleared lacquer polish including cost of polish, hard ware, hinges, handles, locks and antitermite treatment etc complete in all respect confirming to the requirement as per drawing and specification and direction by Engineer Incharge.	1480.00	SFT		
	TOTAL AMOUNT FOR NON SCHEDULE ITEMS FIRS	T FLOOR			

S.NO	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	IBA GIRLS HOSTEL PHASE-II AT IBA STAFF T	OWN KAI	RACHI UN		ENCLAVE
	NON -SCHEDULE RATE ITEMS BASED ON ENGINE				
	SECOND FLOOR				
	STRUCTURAL				
1	ADD EXTRA FOR DEFORM BAR USED				
	Add extra for G-60 Deformed bar used in liu of				
	Tor Bar	625	Cwt		
2	STAIR CASE RAILING				
1)	WALL HAND RAIL				
'/	Providing, fabricating and fixing wall hand rail, using				
	MS tube rail bracket fix to the wall as per detail CW-				
	04 including 3" thick Circular wooden hand rail at top				
	11 .	II	DET		
	screwed with pipe rail including cost of polish on		RFT		
	wooden rail. Complete in all respects confirming to				
	the requirements of drawings, specifications and as				
	per direction by the Engineer.				
II)	STAIR CASE RAILING				
	Providing, fabricating & fixing 3'-0" high staircase				
	railing, using 5/8" MS Square bar with 1-1/2" wide and				
	1/4" thick strip stiffner horizontal for support all welded	II			
	properly and anchored/grouted to RCC structures				
	including 3" circular wooden hand rail at top screwed	11 60 00	RFT		
	with flat iron strip welded to Balusters including cost of				
	3 coat of red oxide paint and polish on wooden rail as				
	per detail AW-71.2 (w) complete in all respects				
	confirming to the requirement of drawings,				
_	specification and as direction by the Engineer.				
3	ROUGH CAST MACHINE PLASTER				
	Providing and applying 1/8" thick rough cast plaster				
	over external grooved plastered surface using 1:3	1800	SFT		
	CSM includding scaffolding, levelling, finishing, curing	1000	0		
	etc at any height as per drawing, specification.				
4	GLASS FOR SKY LIGHT				
	Providing and fixing 6mm thick clear glass for sky	140	SFT		
5	SOLID CORE FLUSH DOOR PANEL				
	Providing &fixing in position type D4 as per size		1		
	given on drg, Solid Core flush shutter door 1-1/2"				
	thick including 3 ply 1/8" (3mm)thick Commercial ply				
	on both sides hydraulically pressed with 1/2"deodar				
(I)	lipping alaround including hard ware like hinges.	546	SFT		
` '	Bolts, latches, aldrops, locks, as per approved list				
	including cost of antitermite treatment complete as				
	per specifications. (Enamel paint measured and paid				
	separately as per item of BOQ.)				
(ii)	Do for utility room but with lock as per drg.	45	SFT		
` ′	Do but for emergency door with 4mm thick Glass		1		
(iii)	vision panel as per drg.	45	SFT		
(iv)	Do but Bath Room Door D7 Panels 2-6"x 6'-6" with	260	SFT		
(iv)	SS Kick Plate on both sides & push plate /handle	260	351		

S.NO		DESCRIPTION	QTY	UNIT	RATE	AMOUNT
010		IBA GIRLS HOSTEL PHASE-II AT IBA STAFF T		•		
	Ħ	NON -SCHEDULE RATE ITEMS BASED ON ENGINE				
	Ħ	SECOND FLOOR				
•	Ħ	FAIR FACED HOLLOW BLOCK CAVITY WALL				
6	Ц	90MM THICK IN EXISTING BLOCK 3 & BLOCK 4				
		Proving and laying in position fairfaced hollow block				
		390x190x90mm Envicrete or equivalent pigmented				
(I)		block masonry 90mm thick CAVITY WALL with 1:4CSM with 10mm racked joint including drilling and	14/5	SFT		
		fixing 3/8"dia pin in existing wall as per drawing &				
		direction all complete in all respect.				
II)	Ħ	DO - BUT USING SOLID BLOCK 90MM THICK	300	SFT		
7	I	FAIR FACED HOLLOW BLOCK MASONARY				
	Π	Providing and laying 190mm thick Block Masonary				
		using 390mmx190mmx190mm produced by				
		Envicrete, Izhar, Banu Mukhtar or equivalent as				
		approved Fair Faced Pigmented Hollow Block				
		masonry using 10mm thick 1:4 CSM in approved shade and make. The average minimum				
(I)		Compressice strength of hollow block 1000 psi +/-5%	2500	SFT		
		based on net area including cost of all type of				
		material, transportation, loading ,unloading, wastage,				
		scafolding, curing, raking out joints in true level and				
		length etc complete including removing of all dirt,				
(II)	H	debris, strain etc. complete. DO- BUT SOLID FAIR FACED 390MM THICK	500	SFT		
` ′	H	ALUMINUM PROFILE ON EXPANSION JOINT WALL	000	0		
8						
	Π	Providing and fixing aluminum profile 4"x3/4" in				
		vertical expansion joint , fixed one side with screws at				
		12" C/C, including cutting of strip fixing tightly so as		Rft		
		as to make the points weather tight, as per detail No CW 01.1 complete as per drawing and as per		1		
		direction.				
9	Ħ	ALUMINUM METAL SADDLE IN FLOOR				
Ŭ	Н	EXPANSION JOINT				
		Providing and Fixing 4" wide metal saddle fastened to expansion joint in floor fixed one side with screw @9"				
		C/C, including cutting of strip, fixing tightly so as to	65.00	Rft		
		make the joints weather tight, as per detail CW 011	00.00			
		complete as per drawing and direction.				
10	Ц	FALSE CEILING				
	II	Providing and installing 2'-0"x2'-0" Gypsum Board				
	II	Moisture Resistant Ceiling Tiles including GI				
	II	suspension system, attachment devices, hanger edge				
	II	moulding, trim clip and trimming, including making		SFT		
	II	provision for light fixture, A/C diffusers, smoke				
	II	detectors etc. Complete in the respect and confirming				
	Н	to the requirements of drawings, specification.				
11	$\!$	GROOVE PLASTER				
	II	Providing and laying 1-1/2" thick external groove plaster (1:5) CSM to external block masonary and				
	II	concrete wall surface, 3/4" thick base plaster and 3/4"				
		thick and 5" wide strip making 3/4"x1" groove	4000.00	OFT		
	II	between strip including scaffolding, levelling, finishing		SFT		
		and curing as per detail CW No 8 etc at any height				
	II	including making vertical and horizontal control joints				
12	$^{\!$	as per drawing and specification. ROUGH CAST MACHINE PLASTER				
12	H	Providing and applying 1/8" thick rough cast plaster				
	II	over external grooved plastered surface using 1:3				
	II	CSM includding scaffolding, levelling, finishing, curing		SFT		
	II	etc at any height as per drawing, specification as per				
	Ц	direction.				
	Ц					

S.NO		DESCRIPTION	QTY	UNIT	RATE	AMOUNT
3	f	IBA GIRLS HOSTEL PHASE-II AT IBA STAFF T				
	H	NON -SCHEDULE RATE ITEMS BASED ON ENGINE				
	H	SECOND FLOOR	I	ALLINO		12 2021
13	H	GLASS FOR SKY LIGHT				
10	H	Providing and fixing 6mm thick clear glass for sky light . Fix				
		into MS frame of door including cost of wooden beading etc				
		complete in all respects confirming of drawing and	140	SFT		
		, , , , , , , , , , , , , , , , , , , ,				
14	H	specification and to the entire satisfaction of the Engineer. MS RAFTER				
14	H	MO KAI TEK				
		Providing ,Fabricating and fixing powder coated MS Rafter sunshade louvers consisting of 4 Nos of 18SWG sheet metal powder coated 1-1/2"x4" rectangular box as per detail MW -04. All boxes / louver properly anchored with wall and ceiling including cost of powder coating etc complete in all respects confirming to the requirements of drawing, specification and as directed by the Engineer.	350.00	SFT		
15		THERMOPORE IN EXPANSION JOINT				
		Providing and fixing thermopore in expansion joint(density 35Kg/Cum) of Column, beam, roof and removing after concrete pouring complete as per drawing & specification.	510.00	Sft		
16	I	EXPANSION JOINT				
		Providing and making expansion joint including cost of 1"x1"Sealing Compound filling by gun or as specified by the manufacturer's recommendation (PU-300 of Pagel or its equivalent) with Backer Rod as per drawing ST-05), specifications and as directed by the Engineer.	105.00	RFT		
17	П	WINDOW BLIND				
		Provide and install window blinds of approved sample (thermec or approved equivalent) including lifting and fixing etc, complete as per drawings, specification instructions of the architect.	416.00	SFT		
19	IT	MIRROR IN LAVATORY BLOCK				
		Provide and install in position, mirror in toilet consisting of 6mm thick Belgium mirror, double polished front and rear of approved quality with 12mm thick commercial ply backing fixed with 30x6 mm thick imported (European) SS clip, fix on wall including wastage, fixing and accessories etc. complete in all respect as per drawing, specifications and as instructed by the ENGINEER.	50.00	SFT		
20	IT	WARD ROBE				
		Providing and making full height wardrobe as per drawing No AW-74 and detail ww-02 using first class deodar wood frame and 3/4" thick laminated MDF both side for shutter and shelves and drawer etc and deodar wood 3/4" x3/4" lipping on exposed edges. All wooden surfaces to be cleared lacquer polish including cost of polish, hard ware, hinges, handles, locks and antitermite treatment etc complete in all respect confirming to the requirement as per drawing and specification and direction by Engineer Incharge.	1480.00	SFT		
	H	TOTAL AMOUNT FOR NON SCHEDULE ITEMS SEC	OND FLOO	R		
	Ħ					

S.NO	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	GIRLS HOSTEL BLOCK -1		· · · · ·		,
	NON -SCHEDULE RATE ITEMS BASED ON ENGINE	ER'S PRE	VAILING N	ARKET RA	TE 2021
	THIRD FLOOR				-
	STRUCTURAL				
1	ADD EXTRA FOR DEFORM BAR USED				
-	Add extra for G-60 Deformed bar used in liu of				
	Tor Bar	38	Cwt		
	ARCHITECTURAL				
2	FAIR FACED HOLLOW BLOCK MASONARY				
	Providing and laying 190mm thick Block Masonary				
	lusing 390mmx190mmx190mm produced by				
	Envicrete, Izhar, Banu Mukhtar or equivalent as				
	approved Fair Faced Pigmented Hollow Block				
	masonry using 10mm thick 1:4 CSM in approved	1575			
	shade and make. The average minimum		SFT		
	Compressice strength of hollow block 1000 psi +/-5%		01 1		
	based on net area including cost of all type of				
	material, transportation, loading ,unloading, wastage, scafolding, curing, raking out joints in true level and				
	length etc complete including removing of all dirt,				
	debris, strain etc. complete.				
3	FAIR FACED SOLID BLOCK MASONARY				
	Providing and laying 190mm thick Block Masonary				
	using 390mmx190mmx190mm produced by				
	Envicrete, Izhar, Banu Mukhtar or equivalent as				
	approved Fair Faced Pigmented Solid Block				
	masonry using 10mm thick 1:4 CSM in approved				
	shade and make. The average minimum	350	SFT		
	Compressice strength of hollow block 1500 psi +/-5%				
	based on net area including cost of all type of material, transportation, loading unloading, wastage,				
	scafolding, curing, raking out joints in true level and				
	length etc complete including removing of all dirt,				
	debris, strain etc. complete.				
4	ROOF TREATMENT				
	Provide and laying roof treatment of following items				
	(For payment screed area will be measured)				
	Providing & Laying elastomeric cementitious				
	waterproofing and protective coating of				
	Expancote Rubber-flex two-component acrylic				
_	polymer modified cementitious coating manufactured by	5000.00	CET		
а	M/S FOS PAK or equivalent confirming to ASTM D412 & ASTM D4541: 1989 in two coats to achieve a total dry	5800.00	SFT		
	film thickness of 1.25 – 2.00 mm as per				
	manufacturer's recommendation with experienced				
	applicator.				
	1:2:4 screed in required slope minimum 2-1/2" thick		 		
	(Average) laid in Panel using 5mm thick glass strip ,				
b	including curing, making ridges, valleys, chamfered	5800.00	SFT		
	edges, hacking of existing surface for bond where				
	necessary etc.				

S.NO	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	GIRLS HOSTEL BLOCK -1				
	NON -SCHEDULE RATE ITEMS BASED ON ENGINE	ER'S PRE	/AILING N	MARKET RA	TE 2021
	THIRD FLOOR				
С	DURACRETE				
	Providing & mixing Duracrete Polypropylene fibre by				
	Matrixx mixing at the rate as per recommendation by	5.00	Kg		
	manufacturer @100gms per bag of Cement as per	5.00	Ng		
	direction of the Engineer Incharge.				
d	ROOF INSULATION				
	Providing & fixing NON FAIR FACED BUT DENSE Hollow block 390mmx190mmx90mm high density in natural colour manufacture by M/S Envicrete, Izhar Itd or equivalent minimum compressive strength 1000 +/5% based on Net Area, laid in 90mm thick on roof as insulation tile jointed with 1:4 CSM min. 1/2" thick 1:6 base mortar including levelling, curing etc complete as per direction.	5800.00	SFT		
5	FAIR FACED HOLLOW BLOCK CAVITY WALL 90MM THICK IN EXISTING BLOCK 3 & BLOCK 4				
(1)	Proving and laying in position fairfaced hollow block 390x190x90mm Envicrete or equivalent pigmented block masonry 90mm thick CAVITY WALL with 1:4CSM with 10mm racked joint including drilling and fixing 3/8"dia pin in existing wall as per drawing & direction all complete in all respect.	750	SFT		
II)	DO - BUT USING SOLID BLOCK 90MM THICK	300	SFT		
	TOTAL				

S.NO	DESCRIPTION	QTY	UNIT	S/RATE 2012	AMOUNT
(A)	GIRLS HOSTEL PHASE-II BLOCK I IBA STAFF 1			NIVERSITY	ENCLAVE
	SCHEDULE RATE ITEMS BASED ON CSR (SIN	DH) 2012			
(a)	Structural Works				
В	PLAYING AREA				
2	TENNIS COURT & VOLLEY BALL COURT				
1	Jungle Clearance				
	Jungle Clearance and removing within 100 ft (b) thick Item No 4 (b) Page 95 Chapter 18	10720.00	%) Cft	151.25	1,621.40
2	EXCAVATION FOR FOUNDATION				
а	Excavation in shingle or gravel formation and rock in dry not requiring blasting undressed lead upto 100ft. (Page No1 item No 4)	21,440	%0Cft	5,747.50	123,226.40
b	Extra for every 50'-0" lead or part thereof 500'lead ltem no 8 a) Page No 2	10,720	%0Cft	1,007.80	10,803.62
3	DISPOSAL OF EARTH				
	Cartage of 100Cft/ 5 Tons of all material like stones, aggregate, spawl,Coal,lime, surkhi etc by Truck lead 1 mile	21,440	% CFT	407.00	87,260.80
4	TERMITE PROOFING				
	Providing anti-termite treatment by spraying / sprinkling / spreading Neptachler 0.5% Emulsion as an overall preconstruction treatment in slab type construction under the slab and attached perches or entrances etc. complete in all respect as per directions of the Engineer-in-Charge (Page No. 108, Item No. 92)	10720.00	SFT	9.74	104,412.80
5	STONE SOLING				
	Stone pitching including sub-base with hammer dressed stone on surface laid in courses including carriage of materials chains. (Page No. 32, Item No. 23) 6" THICK	5,304.00	%Cft	5,377.63	285,229.50
6	PLAIN CEMENT CONCRETE				
i)	Cement concrete plain including placing compacting, finishing and curing complete (including screining and washing at stone aggregate without shuttering (Page No. 16, Item No. 5-i) 1:4:8 Concrete				
A)	Under Floor	5,304	% CFT	11,288.75	598,755.30
7	POLY ETHYLENE SHEET				·
	Providing and laying single per layer of polyethylene sheet 0.13 mm thick for water proofing as per specification and instruction of Engineer Incharge (Page No. 38, Item No. 38).	10,720	SFT	10.70	114,704.00
8	GLASS PATTI				
	Providing & fixing glass strips 4mm for flooring upto 1" depth including fixing in flooring with cement inspecified pattern & design. Item No75 Page /50	10,720	PSFT	11.16	119,635.20
9	RCC SLAB ON GRADE				
	NOTE: ALL STRUCTURAL CONCRETE UPTO PLINTH LEVEL SHALL BE WITH SULPHATE RESISTING CEMENT .HOWEVER THE DIFFERENCE OF COST SHALL BE PAID AS PER MENTIONED IN NON- SCHEDULE ITEM.				
	Providing & laying 4" thick RCC slab on Grade Using Concrete 1:1-1/2:3. Item No 6b (II) Page 17 Tennis Court	3,303	PCFT	321.77	1,062,690.47

S.NO	DESCRIPTION	QTY	UNIT	S/RATE 2012	AMOUNT
(A)	GIRLS HOSTEL PHASE-II BLOCK I IBA STAFF	TOWN KA	RACHI UN	NIVERSITY	ENCLAVE
	SCHEDULE RATE ITEMS BASED ON CSR (SIN	DH) 2012			
(a)	Structural Works				
10	REINFORCEMENT BAR NOTE: DEFORM G-60 BAR SHALL BE USED. FOR THE DIFFERENCE IN BASE PRICE BIDDER SHALL QUOTE THE DIFFERENCE AS NON SCHEDULE ITEM Fabrication of Mild Steel Reinforcementr for Cement Concrete i/C cutting, bending, laying in position, making joints and fastenings including cost of binding wire(also includes removal of (b) Using Tor bars. Item no 8(b) Page	60	Per CWT	5,001.70	300,102.00
11	17 CC FLOOR				
i)	FLOORING BASE CONC. 1:3:6				
a)	Cement Concrete plain including placing, compacting, finishing and curing complete including screening and washing at stone aggregate with out shuttering. (Ref. Item No 5 h, Page No16 1:3:6 Conc. Plain 3" thick (walk way, Central Court yard)	3100.00	% CFT	12,595.00	390,445.00
b)	Do 1:2:4 Concrete laid in panl using poly proplene Fibres (Dduracrete DCF-19) cost of paneling and duracrete is to be paid separately. Tennis Court, Volley Ball Court 4" thick.	3500.00	% CFT	14,429.25	505,023.75
	TOTAL AMOUNT OF SCHEDULED BASED ITEM				3,703,910.23

S.NO	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	GIRLS HOSTEL PHASE-II BLOCK I IBA STAFF	TOWN KA	RACHI U	NIVERSITY	ENCLAVE
	NON SCHEDULE BASED ITEMS BASED ON P	REVAILIN	G MARK	ET RATES 2	2021
В	PLAYING AREA				
	TENNIS COURT				
1	EARTH FILLING				
	Suppling, placing and compacting in layers of 6"thick of compacted thickness to 95% Modified Proctor's Relative density, approved selected earth brought from out side to soil groups GM, SW and ML as per ASTM D2487-85 (as amended) Classification of soils for Engineering Purposes) including Cost of spreading ,levelling, dressing, watering and mechanical compaction as per drawing & specification and instruction.	10720.00	CFT		
2	FLOOR COATING				
	Providing and making 4 Layers of Treatment in Tennis Court & Volley ball as per drawing EW-05 including cost of marking etc. all cost of Roller, Compaction, form work, curing etc complete as per drawing details and specification.	10500.00	SFT		
3	LINE MARKINGS / PAINTING				
	Providing & Painting 2 coats of "Permobel Epoxy Finish by ICI or its equivalent as per manufacturer's Specification & recommendation with mixing Ratio 1:1 (One part of Epoxy Resin and One Part of Hardner by Volume) Complete in all respect including marking in white Enamel Paint as per direction by Engineer Incharge. Tennis Court	300.00	Sft		
5	PROTECTIVE FENCE				
	Providing , Making & fixing enamel painted protective fence comprising of 75mm dia 6.0 m MS corner post 4mm thick, 50mm dia 4mm thick 6.00 meter long intermediate post , 25mmdia 3mm thick top and intermediate horizontal bracing,12 Gauge Galvanised chain mesh of 50x50mm pitch size welded/fixed to steel supports (m.s) 6m high red oxide and and enameled painted supplied with MS plate, provision of doors, including cost of making RCC foundation and Pedestal Column, steel reinforcement, all necessary hardware to complete the work as per drawings, manufacturer's specifications and as per instruction.	5100.00	SFT		
6	WOODEN BENCHES				
	Providing ,making & fixing in position seasoned wood, termite treated golden teak wooden benches including all necessary hardware to complete as per drawing	36.00	RFT		
7	ADD EXTRA FOR SULPHATE RESISTANT CEMENT	Ī			
	Add for Extra for SR cement used below plinth	400	Bags		
8	ADD EXTRA FOR DEFORM BAR USED	1			
	Add extra for G-60 Deformed bar used in liu of Tor Bar	60	Cwt		

S.NO	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	GIRLS HOSTEL PHASE-II BLOCK I IBA STAFF	TOWN KA	RACHI UI	NIVERSITY	ENCLAVE
	NON SCHEDULE BASED ITEMS BASED ON P	REVAILIN	G MARKE	T RATES	
	PLAYING AREA				
9	TENNIS COURT NET				
	Providing & fixing Tennis Court Net WILSON, BABOLAT or equivalent including enamel painted 4-1/2 " dia pole with Americal style Nobe, RCC Concrete foundation and steel reinforcement, all fixing arrangement to complete work in all respect as per drawing, specifications and as instructed by the Engineer Incharge.	1	Job		
10	VOLLEY BALL NET				
	Providing & fixing Volley Ball Net including Enamel Painted 3"dia Pole with American style Knob, RCC Concrete Foundation and all fixing Arrangement, Steel reinforcement to complete work complete in all respect as per drawing, specifications and as per direction.	1	each		

S.NO	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	GIRLS HOSTEL PHASE-II BLOCK I IBA STAFF	TOWN KA	RACHI U	NIVERSITY	ENCLAVE
	SCHEDULE BASED ITEMS CSR 2012				
	EXTERNAL DEVELOPMENT				
3	EXCAVATION FOR FOUNDATION				
	Excavation in shingle or gravel formation and rock in dry				
а	not requiring blasting undressed lead upto 100ft. (Page No1 item No 4)	39,380	%0Cft	5,747.50	226,336.55
2	DISPOSAL OF EARTH				
	Cartage of 100Cft/ 5 Tons of all material like				
	stones, aggregate, spawl,Coal,lime, surkhi etc	39,380	% CFT	407.00	160,276.60
3	TERMITE PROOFING				
	Providing anti-termite treatment by spraying / sprinkling / spreading Neptachler 0.5% Emulsion as an overall preconstruction treatment in slab type construction under the slab and attached perches or entrances etc. complete in all respect as per directions of the Engineer-in-Charge (Page No. 108, Item No. 92)		SFT	9.74	191,780.60
4	Back Filling				
a)	USING EXCAVATED/SURPLUS EARTH PRESENT AT SITE	:			
i)	Filling, watering and ramming earth in floors with surplus earth from foundation lead upto one chain and lift upto 5'-0" (Item No 21 Page No 4)	39380.00	%0 CFT	1512.5	59,562.25
5	KERB STONE				
	Providing & fixing Precast Edge Block 3750 PSI Industrial made size 6"x12"x12" high including the cost of cartage, excavation, form work for haunching, 1450PSI lean concrete 2250 PSI Concrete for haunching 1:4 CSM mortar.	1352.00	PRft	297.01	401,557.52
6	PLAIN CEMENT CONCRETE				
i)	Cement concrete plain including placing compacting, finishing and curing complete (including screining and washing at stone aggregate without shuttering (Page No. 16, Item No. 5-i) 1:4:8 Concrete				
A)	Under Floor	1,690	% CFT	11,288.75	190,779.88
7	POLY ETHYLENE SHEET				
	Providing and laying single per layer of polyethylene sheet 0.13 mm thick for water proofing as per specification and instruction of Engineer Incharge (Page No. 38, Item No. 38).		SFT	10.70	210,683.00
8	CC PAVER				
i	Providing and fixingCement Paving Blocks flooring having size of 197x97x80mm of city /quddra/cobble shape with natura colour having struength b/w 5000 psi to 8500 psi i/c filling the joints with hill sand and laying in specified manner /pattern and design complete Item No 71 Page No 49		PSFT	199.77	1,098,735.00
ii	do but pigmented	2,500	PSFT	223.97	559,925.00
	TOTAL AMOUNT OF SCHEDULED BASED ITEM				3,099,636.40

S.NO	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	GIRLS HOSTEL PHASE-II BLOCK I IBA STAFF	TOWN KAP	RACHI UI	NIVERSITY	ENCLAVE
	NON -SCHEDULE BASED ITEMS				
4	HORTICULTURE				
1	SWEET EARTH				
	soil (sweet earth) free from salts, pebbles and grass	10600	CFT		
2	MANURE				
	sewage manure from approved sources including all	1200	CFT		
3	GRASS				
а	Supply &Grassing fine by dribbling grass roots 3"	8500	SFT		
b	same as item bumber 4 but St. Augistian grass	2500	SFT		
4	Trees				
	Preparing Tree Pit (size 4' X 4'.X 4') wherever				
	required by excavating into any strata.				
	Application of antitermite treatment @ 20 ml of				
	Chloropyriphos per plant on the walls & base of the pit.				
	Filling the pit with compost. (ratio 1 animal manure : 3				
	sweet earth).				
	Supply & spraying of insecticides as required.				
	Supply & planting of the following trees as per				
	botanical name & specification mentioned below:				
	Complete in all respect as per drawings,				
	specifications and as per the instruction by the				
	architect.				
а	T-01 Champa Tree (2" dia trunk size, 8'-10' high, Multiple branching).	25			
а	T-02 Termenalia (1.5"-2"dia trunk size, 8-10' high	20			
b	multiple branching)	45			
	T-03 Bamboo Tree (2" dia trunk size, 8'-10' high,				
С	Multiple branching)	25			
d	T-05 Erika Palm 5' high	10			
е	T-06 Cornocorpus Hedge 8' high	25			
f	T-07 Triangular Palm 10" high	20			
	T-08 Gulmuhar Tree (2" dia trunk size, 8'-10' high,				
g	Multiple branching).	25			
4	HORTICULTURE				
5	GROUND COVER				
	Providing and planting the following ground covers as				
	per drawings, specifications, and as instructed by architect.				
2	Wadhlia (yellow flowering)				
a b	Pebbles				
С	Crush (1" thick Avg. grey color)				

S.NO	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	GIRLS HOSTEL PHASE-II IBA STAFF TOWN K	ARACHI U	NIVERSI	TY ENCLA	VE
	NON-SCHEDULE RATE ITEMS BASED ON PRE	VAILING	MARKET	RATES	
	PLUMBING, WATER SUPPLY, HVAC & FIRE SEPRES	SION WOF	RKS		
	SECTION - A SOIL, WASTE & VENT PIPING				
1	Supply, install and commission Soil & Waste piping UPVC Non Pressure pipes & fittings confirming to BSS 3505/BSS 3506 PSI 3051-91 ASTM D 1785-94 DIN 8061-8062 standards, including all special accessories, and hangers as per drawings & specifications for drainage systems.				
1.1	3 inch(75mm) ID	360	RFT		
1.2	4 inch (105MM) Diameter I.D	180	RFT		
1.3	1-1/4" DIA VENT PIPE	110	RFT		
1.4	2" Dia Vent Pipe	260	RFT		
1.5	3" Dia Vent Pipe	70	RFT		
2	Supply & Installation of UPVC floor drain with SS Cover of the following size with all consumable of approved make .				
2.1	75mm	36	Nos		
3	Supply & Installation of floor clean out of following sizes including all consumable as per approved make.				
3.1	4 inch (100)mm Diameter	12	Nos		
4	Supply installation of Cowel Vent of the following sizes as per specification and approved make.				
4.1	3 Inches (75mm) dia	2	Nos		
4.2	4 Inches(100mm) dia	2	Nos		
4.3	2 Inches(50mm) dia	2	Nos		
	TOTAL AMOUNT OF THIS SUB HEAD				

S.NO	DESCRIPTION	QTY	UNIT	RATE	AMOUNT					
	GIRLS HOSTEL PHASE-II , IBA STAFF TOWN K	ARACHI	UNIVERS		VE					
	NON-SCHEDULE RATE ITEMS BASED ON PREVAILING MARKET RATES									
	PLUMBING & FIRE SEPRESSION WORKS									
	SECTION -B SANITARY FIXTURES AND FITTINGS	<u> </u>								
1	WATER CLOSET									
	Supply & Installation of WC Western Floor Mounted									
	Flush tank operated, including with all consumables	40								
1.1	and accessories, of any Brand make and model as	12	Nos							
	mentioned in Approved list									
	Supply and installation of WC Eastern Cistern									
1.2	Operated, including with all accessories and	6	Nos							
	consumables of any of the Brand, make and model as									
0	per approved manufacturer's list.									
2										
	Supply and Installation of wash Hand Basin of Half Pedestal, including all consumable and accessories of									
2.1	any of the band, make and Model as per	18	Nos							
	manufacturer's List.									
	Providing & Installation of SINGLE LEVER Wash									
	land Basin Miyer including with all accessories and	40	NI							
2.2	consumable of approved make , model and colour as	18	Nos							
	per approved manufacturer's list									
3	SHOWER MIXER									
	Supply & Installation of Single lever Shower Mixer &									
3.1	shower hose, including with all consumable and	12	Nos							
0	accessories of approved make and model in									
_	approved colour.									
4	BIB COCK									
4.1	Supply and installation of WC Bib Cock including with all consumable and accessories of approved make &	18	Nos							
4.1	model in approved colour	10	1105							
	Supply & Installation of Janitorial Bib Cock including									
4.2	with all consumable and accessories as approved	6	Nos							
	make & model.									
5.0	LIQUID SOAP DISPENSER									
İ	Supply & Installation of Liquid Soap Dispenser									
	including all consumable and accessories of approved	6	Nos							
	make & model.									
6.0	WC HAND SHOWER									
	Supply and Installation of WC Hand Shower including									
6.10	with all consumable and accessories as per approved	18	Nos							
_	make and model.									
7	TOILET PAPER HOLDER		1		1					
7.1	Supply & Installation of toilet paper holder including all accessories and consumable of approved make and	18	Nos		1					
7.1	model.	10	INUS		1					
8	TOWEL RAIL									
-	Supply & Installation of Towel Rail including all		+		 					
8.1	accessories and consumable of approved make and	18	Nos							
J. 1	model.									
t t	TOTAL OF THIS SUB HEAD		1		1					

S.NO	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	GIRLS HOSTEL PHASE-II, IBA STAFF TOWN K	ARACHI L	JNIVERS	ITY ENCL	VE
	NON-SCHEDULE RATE ITEMS BASED ON PRE	VAILING I	MARKET	RATES	
	PLUMBING & FIRE SEPRESSION WORKS				
	SECTION C SEWER NET WORK				
1	SEWER PIPE NET WORK				
	Supply, install and commission Soil & Waste piping UPVC Non Pressure pipes & fittings confirming to BSS 3505/BSS 3506 PSI 3051-91 ASTM D 1785-94 DIN 8061-8052 standards, including all special accessories,EXCAVATION IN ANY SOIL, LAYING & JOINTING PIPE, BACK FILLING, COMPACTION as per drawings & specifications for drainage systems.				
1.1	6 inch (150MM) I.D Diameter	450			
1.2	8 Inches (200mm)ID	150			
2	MAN HOLES				
2.1	Supply, making Man Hole 3'-0"x3'-0" internal size with block masony 8" thick wall water proof plaster from both sides, including, excavation, back filling, RCC ring and Cover 2'-0" dia with benching complete. Maximum depth upto invert level 6'-0" complete as per drawing & design.	18	Nos		
	TOTAL FOR THIS SUB HEAD				

S.NO	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	GIRLS HOSTEL PHASE-II BLOCK I,BLOCK II		1000(000000000000000000000000000000000		
	NON-SCHEDULE RATE ITEMS BASED ON P				
В	PLUMBING WORKS				
	SECTION -D WATER ,GAS & FIRE SUPPRESSION	N PIPING	u.	I	
1	PPR COLD POTABLE WATER LINE				
	Supply, install and commission Poly Propylene				
	Random PPR (PN 20) piping for Cold Water Supply	,			
	system complete in all respects with all fittings &				
	accessories as per drawings and specifications confirming to DIN 8077-78 and fitting DIN 16962				
	including pressure testing AS PER MAKE, MODEL,				
	BRAND AS PER APPROVED MANUFACTURER'S				
	LIST				
1.1	3/4 inch Diameter (20mm OD)	840	RFT		
1.2	1 inch Diameter (25mm ID)	80	RFT		
1.3	1 1/4 inch Diameter (32mm OD)	250	RFT		
1.4	1 1/2 inch Diameter (40mm OD)	270	RFT		
1.5	2 inch Diameter (50mm OD)	40	RFT		
1.6	2-1/2 inch Diameter (65mm OD)	40	RFT		
2.0	PPR HOT POTABLE WATER LINE		-		
	Supply, install and commission Poly Propylene	.			
	Random PPR (PN 20) piping for HOT Water Supply system complete in all respects with all fittings &	′			
	accessories as per drawings and specifications				
	confirming to DIN 8077-78 and fitting DIN 16962.				
	including pressure testing, AS PER MAKE, MODEL	,			
	BRAND AS PER APPROVED MANUFACTURER'S				
2.10	LIST 3/4 inches Diameter	440	DET		
2.10	1 inch Diameter	75	RFT RFT		
2.3	1-1/4 inch Diameter	150	RFT		
2.4	1-1/2 inch Diameter	100	RFT		
2.5	2inch Diameter	20	RFT		
3.0	HOT WATER PIPE THERMAL INSULATION				
	Supply, install and commission OF Closed Cell Foar	n			
	(Fire Retardant) Insulation (IPI) with venture				
	Cladding on PRPpipes of the following sizes having				
	thermal conductivity of 0.26 BTU/Ht ft square @67				
	Degree F complete in all respect as per specification	١.			
3.10	3/4 inches Diameter	440	RFT		
3.20	1 inch Diameter	75	RFT		
3.30	1-1/4 inch Diameter	150	RFT		
3.40	1-1/2 inch Diameter	100	RFT		
3.50	2inch Diameter	20	RFT		
4.0	GI PIPE FOR GAS SUPPLY				
	Supply, install and commission Galvanized Steel (G)			
	piping with anticorrosive Tape, Medium quality				
	confirmining to BS 1387 for Gas supply complete in all respects with all fittings & accessories as per				
	drawings and specifications.				
4.1	3/4 inch Diameter	30	RFT		
4.2	3/4 inch Diameter	125	RFT		
4.3	1 inch Diameter	160	RFT		
	TOTAL AMOUNT FOR THIS SUB HEAD				

S.NO	DESCRIPTION	QT'	Y UNIT	RATE	AMOUNT				
	GIRLS HOSTEL PHASE-II BLOCK I,BLOCK II, B			IBA STAF	F TOWN				
	NON-SCHEDULE RATE ITEMS BASED ON PRE	EVAILIN	IG MARKET	RATES					
В	PLUMBING WORKS								
	SECTION -E WATER ,GAS & FIRE SUPPERSION F	ITTING	8 & FIXTURE	S					
1	CONTROLLING VALVES								
	Landing Valve hydrant with quick coupling of the size								
1.1	2-1/2 Inches diameter incl. all consumable and	8	Each						
1.1	accessories as per specification and approved make	•	Lacii						
	and model.								
	Supply, install and commission Gate Valves								
1.2	confirming with ASTM A216 - WCB with all								
	consumable and accessories as per drawings & specifications. KITZ or equivalent as approved.								
а	1 inch Diameter	12	Nos						
b	11-1/4 inch Diameter	6	Nos						
С	1-1/2 inch Diameter	10	Nos						
1.3	CHECK VALVES	10	1405						
1.3	Supply, install and commission CHECK Valves								
	confirming with ASTM A216 - WCB with all								
	consumable and accessories as per drawings &	4	Nos						
	specifications. KITZ or equivalent as approved. 1-1/2"		1.00						
	dia								
1.4	FLOAT VALVES								
	Supply, install and commission FLOAT Valves								
	confirming with ASTM A216 - WCB with all								
	consumable and accessories as per drawings &	4	Nos						
	specifications. KITZ or equivalent as approved. 1-1/2"								
2	dia VALVE CHAMBER	H							
	Supply, install and commission VALVE CHAMBER	!							
	136" X24" DEPTH AS PER REQUIRED WITH 6"								
	THICH BLOCK MASONARY 1:6csm and 1/2" thick								
	internal & external water proof plaster complete as per	4	NOS						
	drawings & specifications including PVC frame and								
	cover as per drawing & direction.								
3	COLD & HOT WATER DISPENSER	 							
	Supply & Install Cold & Hot Water Dispenser Plastic	6	NOS						
	body 36"Hx 11"W and 12"D as per approved make and model.	6	INUS						
4	GAS GYSER	H							
7	Supply, install and commission Gas water Gyser 55	H							
	Gallons Capacity 10 ~12 SWG Galvanized Water								
	Tank, Heavy duty Thermostat with pressure relieving	6	NOS						
	valve complete as per specification.								
5	OVER HEAD WATER TANK								
	Supply, installation and Commissioning of Over Head								
	Heibra Class Water Took 500 HS Callens (1902 litres)	II .		l	1				
	Fibre Glass Water Tank 500 US Gallons (1892 litres) horizontal type complete with all fittings as per	2	NOS						

S.NO	DESCRIPTION	QTY	UNIT	S/RATE 2012	AMOUNT
	GIRLS HOSTEL PHASE-II IBA STAFF TOWN KA	ARACHI U	INIVERSI	TY ENCLA	/E
	NON-SCHEDULE RATE ITEMS BASED ON PRE	VAILING	MARKET	RATES	
В	PLUMBING WORKS				
	SECTION -E WATER ,GAS & FIRE SUPPERSION F	ITTINGS 8	FIXTURE	S	
6	BUILDING HOSE REEL				
	Supply, installation and Commissioning of 1-1/4" dia x100 RFT Hose Reels (C/01-04) with Cabinet Door for two Compartment, complete with supports including with all Consumables and Assoceries of all as per specification.	6	Nos	55000	330000
7	PORTABLE FIRE EXTINGUISHER				
а	Supply, installation 6 Kg Dry Powder portable fire extiguisher, complete with supports including with all Consumables and Assoceries of all as per specification and approved make.	6	Nos	8500	51000
b	Supply, installation 2 Kg Carbon DiOxide portable fire extiguisher, complete with supports including with all Consumables and Assoceries of all as per specification and approved make.	6	Nos	9000	54000
	TOTAL FOR THIS SUB HEAD				2547300
	TOTAL FOR SEWERAGE & WATER SUPPLY				5894100

S.NO	DESCRIPTION	QTY	UNIT	S/RATE 2012	AMOUNT
	IBA GIRLS HOSTEL PHASE-II IBA STAFF TOWN	I KARACH	II UNIVEF	RSITY ENCL	.AVE
	SCHEDULE RATE ITEMS BASED ON CSR (SIN	DH) 2012			
F	SEPTIC TANK & SOAKAGE PIT				
1	Jungle Clearance				
	Jungle Clearance and removing within 100 ft (b) thick Item No 4 (b) Page 95 Chapter 18	4500.00	%) Cft	151.25	680.63
2	EXCAVATION FOR FOUNDATION				
а	Excavation in shingle or gravel formation and rock in dry not requiring blasting undressed lead upto 100ft. (Page No1 item No 4)	5,500	%0Cft	5,747.50	31,611.25
b	Cutting Hard Rock such as granite, ballast, hard lime stone or sand stone etc with chiesel and hammers for small foundations. Item No 19 Page -4	2,000	%0Cft	28,672.05	57,344.10
С	Extra for every 50'-0" lead or part thereof 500'lead Item no 8 a) Page No 2	2,300	%0Cft	1,007.80	2,317.94
d	Add for additional lift of every three feet (30.9 R.m) or part thereof in item Nos. 1 to 4. 10 to 13 and 19 to 22.	2,500	%0Cft	187.50	468.75
3	Excavation of Well in dry upto 20'-0" below ground level and disposal of soil with in One chain in Hard Strata such shingle gravel etc (Item No 1 (C) Page 86 Chapter 16				
(i)	From 0'-0" to 5'-0"	250	%0Cft	5,904.00	1,476.00
(ii)	From 5'-1" to 10'-0"	250	%0Cft	6,116.55	1,529.14
(iii)	From 10-1" to 15'-0"	250	%0Cft	6,376.70	1,594.18
(iv)	From 15'-1" to 20'-0"	250	%0Cft	6,845.58	1,711.40
4	DISPOSAL OF EARTH				
	Cartage of 100Cft/ 5 Tons of all material like stones, aggregate, spawl,Coal,lime, surkhi etc by Trucklead 1 mile	2,500	% CFT	407.00	10,175.00
5	Back Filling				
a)	USING EXCAVATED/SURPLUS EARTH PRESENT AT SITE				
i)	Filling, watering and ramming earth in floors with surplus earth from foundation lead upto one chain and lift upto 5'-0" (Item No 21 Page No 4)	650.00	%0 CFT	1512.5	983.13
6	LEAN CONCRETE				
i)	Cement concrete plain including placing compacting, finishing and curing complete (including screining and washing at stone aggregate without shuttering (Page No. 16, Item No. 5-i) 1:4:8 Concrete				
a)	Under Footing	171	% CFT	11,288.75	19,303.76
ii)	Concrete 1:3:6 under plinth Page No 16 Item No 5-(h)	25	% CFT	12,595.00	3,148.75
7	STONE SOLING				
(i)	Stone pitching including sub-base with hammer dressed stone on surface laid in courses including carriage of materials chains. (Page No. 32, Item No. 23) 6" THICK	147.40	%Cft	5,377.63	7,926.63

S.NO	DESCRIPTION	QTY	UNIT	S/RATE 2012	AMOUNT
	IBA GIRLS HOSTEL PHASE-II IBA STAFF TOWN			RSITY ENCL	_AVE
	SCHEDULE RATE ITEMS BASED ON CSR (SIN	DH) 2012			
F	SEPTIC TANK & SOAKAGE PIT				
7	REINFORCED CEMENT CONCRETE G/FLOOR				
	Reinforced cement concrete work including all labour and material except the cost of steel reinforcement and its labour for bending and binding which will be paid separately. This rate also includes all kinds of forms moulds lifting shuttering curing rendering and finishing the exposed surface (including screening and washing of shingle) Page No. 17. Item No. 6(a)-ii				
	NOTE: ALL STRUCTURAL CONCRETE UPTO PLINTH LEVEL SHALL BE WITH SULPHATE RESISTING CEMENT .HOWEVER THE DIFFERENCE OF COST SHALL BE PAID AS PER MENTIONED IN NON- SCHEDULE ITEM.				
A)	R.C. work in roof slab, beams columns rafts, lintels and other structural members laid in situ or precast laid in position complete in all respects.				
a)	Ratio 1:2: 4 Conc. 90 lbs OPC cement,2 cft Sand 4				
(l)	Foundation	350.00	CFT	337	117,950.00
II)	Walls Upto Plinth	750.00	CFT	337	252,750.00
(III)	Slabs / projection etc	300	CFT	337	101,100.00
(vii)	Staircase steps, Landing waist etc	15	CFT	337	5,055.00
VIII)	RAMP	20	CFT	337	6,740.00
8	Steel Reinforcement				,
-	Fabrication of mild Steel Reinforcement for Cement Concrete including cutting, bending, laying in position, making joints and fastenings including the cost of binding wire, also include removal of) Item no 8 (b) page No 17 using TOR Bar	150	CWT	5001.7	750,255.00
	NOTE: ALL REINFORCEMENT BAR USED SHALL BE DEFORMED GRADE 60. THE DIFFERENCE OF COST SHALL BE QUOTED BY THE BIDDER AS NON SCHEDULE ITEM.				
9	RENDERING (PLASTER)				
i)	Internal Plaster				
a)	Cement Plaster 1:4 upto 12' height				
	1/2" thick Plaster (for ceiling and wall) Page No. 52, Item No. 11-B	1800.00	% SFT	2,496.76	44,941.68
ii)	External Plaster (in two coats)				
a)	Cement Plaster 1:4 upto 12' height				
i)	3/4" thick Plaster (for ceiling and wall) Page No. 52, Item No. 11-d	550.00	% SFT	3,191.76	17,554.68
10	DAMP PROOFING				
ii)	Vertical DPC				
	Vertical Damp Proof Course of 3/4' thick Cement Plaster 1:2 with Bitumen at 20 LBS per % Sft. Page N0 107 Item No 70	550.00	%Sft	2,760.99	15,185.45

S.NO	DESCRIPTION	QTY	UNIT	S/RATE 2012	AMOUNT
	IBA GIRLS HOSTEL PHASE-II IBA STAFF TOWN			RSITY ENC	LAVE
	SCHEDULE RATE ITEMS BASED ON CSR (SIN	DH) 2012			
11	FLOORING				
i)	FLOORING BASE CONC. 1:3:6				
a)	Cement Concrete plain including placing, compacting, finishing and curing complete including screening and washing at stone aggregate with out shuttering. (Ref. Item No 5 h, Page No16 1:3:6 Conc. Plain	500.00	% CFT	12,595.00	62,975.00
b)	Do 1:2:4 Concrete	668.75	% CFT	14,429.25	96,495.61
D)	TOTAL AMOUNT FOR THIS SUB HEAD	000.70	70 01 1	14,420.20	1,611,273.05
	TOTAL AMOUNT FOR THIS SOB HEAD				1,011,273.00
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S.NO	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	IBA GIRLS HOSTEL PHASE-II IBA STAFF TOWN				
	NON- SCHEDULE ITEMS RATES BASED ON P				
F	SEPTIC TANK & SOAKAGE PIT				
1	Providing and laying Precast RCC Ring in Concrete 1:1-1/2: 3 using SR Cement Compressive strength 4000 PSI 28 days in open jointed Concrete rings and cover as per drawing and direction including lowering down of ring and fixing in position complete.	105	Cft	750	78,750.00
2	Supplying, stacking and filling pebbles 8"~12 sizes with testing complete as per drawing	700	Cft	65	45,500.00
3	Providing and laying 1:4CSM plaster with 5% Pudlo in septic tank 1" thick on wall inside.	1750	Sft	85	148,750.00
4	Providing and laying mild steel U-Turn vent pipe of the following diameter U-Turn vent pipe pipe 3 " dia.	4	Nos	1850	7,400.00
5	Providing and laying installation & commissioning of 8" (200 MM) ID UPVC Non pressure Class D Push Fit Joint type pipe Dadex or equivalent for sewer system including excavtion for laying pipe back filling the trench, preparation of bed for pipe laying as per direction of Engineer.	450	RFT	1050	472500
6	Providing & laying RCC Man Hole as per drawing complete with Heavy duty CI Cover 2'-0"x2'-0" GMP or equivalent as app roved with and including inlet, out let connections, excavation, back filling, inside and out side 1:4 CSM water proof plaster making benching etc complete.	8	Nos	35000	280000
	TOTAL AMOUNT OF WORK DONE				1,032,900.00
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S.NO		DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	Π	GIRLS HOSTEL PHASE-II IBA STAFF TOWN KA	ARACHI UI	NIVERSIT	Y ENCLA	VE
	Π	ITEMS RATES BASED ON PREVAILING MAR				
	П	PART-A WIRING				
	Π	SECTION - A GENERAL WIRING				
1	П	(A) LIGHT POINT, FAN POINT & POWER POINT WI	RING			
	Π	Wiring with 2x1.5 Sq mm+1x1.5 Sqmm 1-C PVC insulated				
1.1		cables in 20mm dia or larger PVC conduit conealed in slab/wall/floor complete in all respects including connection, testing, as per approved make and specification.				
a)	Π	Wiring from switch to light /fan point	320	NOS		
b)	Π	Wiring from light point to light point	55	NOS		
c)	П	Wiring from light point to Emergency light point	110	NOS		
1.2		Wiring with 2x2.5 Sq mm+1x2.5 Sqmm 1-C PVC insulated cables in 20mm dia or larger PVC conduit conealed in slab/wall/floor complete in all respects including connection, testing, as per approved make and specification.				
a)		Wiring from DB to switch &from switch to switch	40	NOS		
b)		Wiring from power out let to power out let	120	NOS		
1.3		Wiring with 2x4 Sq mm+1x4 Sqmm 1-C PVC insulated cables in 25mm dia or larger PVC conduit conealed in slab/wall/floor complete in all respects including connection, testing, as per approved make and specification.				
a)	Ħ	Wiring from DB to First Power Out let	42	NOS		
b)	Ħ	Wiring from DB to out let for water Dispenser	9	NOS		
c)	Π	Wiring from DB to Centrifugal Fan	3	NOS		
1.4		Wiring for A/C unit consisting of 2x4Sqmm +1x4Sqmm as ECC in 25mm dia or bigger PVC conduit , concealed in slab /wall/floor etc from DB to condensing unit complete with all connections in all respect.	72	NOS		
2	Π	WIRING ACCESSORIES				
2.1		Supply & Installation of following Gang Switches type 10A switches including sheet steel powder coated back boxes, complete in all respects:				
a)		Single Gang Switch unit	18.00	NOS		
b)		Two Gang Switches Unit	162.00	NOS		
c)		Three Gang Swich Unit	9.00	NOS		
d	\prod	Single Gang Fan Dimmer Switch Unit	72.00	NOS		
2.2		Supply & Installation of Following Accessories including steel powder coated back boxes complete in all respects.				
a)		Universal Socket out let	100	NOS		
b)		Universal duplex Socket out let	90	NOS		
c)	\prod	15A 3 pin simplex out let	90	NOS		
d)	\prod	Universal Weather Proof outlet	18	NOS		
e)	Ц	Spur Out let	9	Nos		
f)	Ц	RJ - 45 Duplex data out let	72	Nos		
g)	Ц	RJ Simplex data out let	110	Nos		
h)		20/25A DP weather proof isolater close to AC out door unit	72	Nos		

S.NO	DESCRIPTION	QTY	UNIT	RATE	AMOUNT	
	GIRLS HOSTEL PHASE-II IBA STAFF TOWN KA	ARACHI U	NIVERSI	TY ENCLAV	Έ	
	ITEMS RATES BASED ON PREVAILING MAR					
3	SECTION -B DATA & VOICE SYSTEM, FIRE ALARM	1 & CCTV	SYSTEM V	VIRING	'	
Ť	Supply and laying of PVC Conduits of following sizes			I		
3.1	concealed in slab/wall/floor,for laying of V/D cables, as					
	shown on drawing, complete in all respects :					
a)	20mm dia	50	Mtr.			
b)	25mm dia	75	Mtr.			
c)	32mm dia	46	Mtr.			
d)	50mm dia	60	Mtr.			
3.2	DATA CABLE					
	Supply and Installation of 2Nos CAT-6 +50/125					
a)	Micron Fibre Optic Cable in already laid conduit from	145	Mtr.			
a)	V/D rack in IT Room to V/D Cabinets or from Cabinet	143	IVIT.			
	to Cabinet.					
	Supply, laying, testing and commissioning of wiring					
1- >	for RJ-45 out lets using CAT -6 cables from V/D Racks or cabinet laid in already installed PVC conduit	0740				
b)	complete in all respects including terminations at both	2740	2740	2740 Mtr.		
	lends.					
3.3	DATA CABLE WIRING ACESSORIES					
5.5	Supply & Installation of floor mounted data cable pull			1		
	box made of 16SWG GI sheet measuring 9"x12"x18"					
a)	provided with PVC Gasketed back entry of cables and	2	Nos			
ω,	8 Nos 2" dia PVC screwed glands to grip the out	_				
	going data cables at top.					
	Supply & Installation of wall mounted data cable pull					
	box made of 16SWG GI sheet measuring 9"x9"x6"					
b)	provided with PVC Gasketed back entry of cables and	2	Nos			
	8 Nos 2" dia PVC screwed glands to grip the out					
	going data cables at top.					
4	FIRE ALARAM SYSTEM WIRING					
	Providing & Installation of wiring of fire alarm system with 1.5 Sqmm 2-C PVC cable in 25mm dia PVC					
	Conduit, complete in all respects as per specification	2	Job			
	& fire safety rules.					
5	PVC CONDUIT FOR CCTV CAMERA					
	Supply and laying of PVC Conduits of following sizes					
	concealed in slab/wall/floor,for laying of MATV/CCTV					
	cables, as shown on drawing, complete in all respects					
a)	20mm dia	250	Mtrs			
b)	25mm dia	75	Mtrs			
7	WIRING FOR CCTV SYSTEM					
	Supply and installation of wiring of IP based CCTV					
	system with CAT -6 Cables from V/D rack or Cabinet					
	laid in already installed PVC conduit complete in all	210	Mtrs			
	respects including termination at both ends.					
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S.NO	DESCRIPTION	QTY	UNIT		
	GIRLS HOSTEL PHASE-II IBA STAFF TOWN KA	RACHI U	NIVERSIT	Y ENCLAV	E
	NON-SCHEDULE RATE ITEMS BASED ON PRI				
	SECTION - A GENERAL WIRING			•	
8	ACCESSORIES FOR CCTV & MATV SYSTEM				
	Supply & Installation of TV out lets, including cover	ĺ			
a)	plates complete in all respects including sheet steel	72	Nos		
	powder coated back boxes Supply, Installation, Testing of following items of				
	MATV system complete in all respects including				
b)	support hard ware, sheet steel powder coated back				
	boxes, where required:				
i)	4- way distribution amplifier	2	No		
ii)	6 way Distribution amplifier	18	No		
	TOTAL AMOUNT FOR THIS SUB HEAD	ĺ			
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.NO	DESCRIPTION	QTY		RATE	AMOUNT
	GIRLS HOSTEL PHASE-II IBA STAFF TOWN K	ARACHI U			
	NON-SCHEDULE RATE ITEMS BASED ON PR	EVAILING	MARKET		
	SECTION - B DISTRIBUTION BOARDS (DB)				
	Supply and installation of following DBs as per				
1	schedule and classifications, complete in all respects. (DETAILED AS PER DRAWING /				
	SPECIFICATION)				
1.1	EMDB -0/B1	1	NO		
.2	EMDB -0/B2	1	NO		
.3	EDB-1/B1	1	NO		
.4	EDB-1/B2	1	NO		
.5	EDB-1/62	1	NO		
.6	EDB-2/B2	1	NO		
.7	DB-1 /B2	1	NO		
.8	DB-2 /B2	1	NO		
.5	TOTAL AMOUNTFOR THIS SUB HEAD	1 '	1.10		
	I TOTAL AMOUNT ON THIS SUB HEAD		1		
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S.NO	DESCRIPTION	QTY	UNIT	RATE	AMOUNT	
	GIRLS HOSTEL PHASE-II IBA STAFF TOWN KA	ARACHI U	NIVERSI		/E	
	NON-SCHEDULE RATE ITEMS BASED ON PREVAILING MARKET					
	SECTION -C MAIN / SUB MAIN CABLES & CABLE R	ACE WAY	S & ACCE	SSORIES		
	MAIN /SUBMAIN CABLES					
	Supply, laying, installation, connections of the					
	following main /sub main cables unarmoured,					
1	copper conductor. PVC insulated, 600 /1000V					
	grade complete in all respects of approved make as per specification:					
1.1	H · ·	18	Meter			
1.2	4Sqm 4-C +6 Sqm 1-C as ECC 6Sqm 4-C +6 Sqm 1-C as ECC	20	Meter			
1.3	10Sqm 4-C +6 Sqm 1-C as ECC	40	Meter			
1.4	16Sqm 4-C +6 Sqm 1-C as ECC	5	Meter			
1.5	25Sqm 4-C +6 Sqm 1-C as ECC	40	Meter			
	1	20				
1.6	150Sqm 4-C +6 Sqm 1-C as ECC	20	Meter			
2	CABLE RACE WAYS & ACCESSORIES Supply, laying, installation of PVC conduits of	1	-			
	following sizes, concealed in slab/walls/floor, for					
	laying of indoor cables as per drawing & and					
	specification of approved make.					
2.1	32mm dia conduit	36	Meter			
2.2	38mm dia conduit	15	Meter			
	Supply, Fabricating, & installation in position of					
	powder coated perforated cable trays, made of					
	MS sheet steel with folded edges, complete tray					
3	with cover, all installation hard ware, tray joining					
	plates, bends, etc as per drawings (Tray covers to have ventilation slots) powder coated made					
	from 18 SWG steel sheet, cover to be of snap -on-					
	type as per specification & drawing.					
3.1	75x50 mm deep	10	Meter		+	
3.1	200x50mm deep	20	Meter		+	
3.2	TOTAL AMOUNT FOR THIS SUB HEAD	20	ivietei			
	TOTAL AMOUNT FOR THIS SUB HEAD					
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S.NO	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	GIRLS HOSTEL PHASE-II IBA STAFF TOWN K.	ARACHI U	NIVERSIT	Y ENCLAY	E
	NON-SCHEDULE RATE ITEMS BASED ON PRE	VAILING	MARKET		
	SECTION -D FIRE ALARM SYSTEM				
1.1	Providing, installation, testing & commissioning of Manual Call Point	12	NOS		
1.2	Providing, installation, testing & commissioning of Fire Alarm bell / Sounder	12	NOS		
1.3	Providing, installation, testing & commissioning of Smoke Detectors	72	NOS		
1.4	Providing, installation, testing & commissioning of Heat Detectors	12	NOS		
1.5	Providing, installation, testing & commissioning of 8 Zone Fire Alarm Panel	2	NOS		
	TOTAL AMOUNT FOR THIS SUB HEAD				
	SECTION -E CCTV CAMERA SYSTEM				
1	Supply Installing of Network DVR.Model # VCE-1108 16 Channel Real Time Network DVR 25 (FPS) Multiplex Opreation:Live Display/Playbacks Recording Backup and Network Simultaneously Support USB Flash Drive+USB Mouse Supported	1	No		
2	Supply Installing of Weather Proof Out Door Cemera Model #VCE-22600 (OSD) 600TVL 1/3 Sony CCD Image Sensor 600TVL Weather Proof OUT Door Camera IR Range 7 meters IP 66 Standard additional OSD DWDR BLC and DNR functions Communication Setting Day & Night Mode	10	No		
3	Supply Installing of HARD DISK 1000 GB SATA Designed for 24x7 operation and high write duty cycles Video or data read/write profiles Enables use of low-cost power suppliesuu Performance hard drive infrastructure	1	No		

S.NO	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	GIRLS HOSTEL PHASE-II BLOCK I,BLOCK II, B	LOCK III,	BLOCKIN		FTOWN
	NON-SCHEDULE RATE ITEMS BASED ON PRE				
	SECTION -E CCTV CAMERA SYSTEM (Contd.)				
4	Supply Installing of 21 inch Screen Samsung LCD Model:EH4500 1366 x 768 Resolution 50Hz Clear Motion Rate Digital Noise Filter Wide Color Enhancer (Plus)	1	No		
5	Testing & Commissioning of CCTV system.	1	Lot		
	TOTAL AMOUNT FOR THIS SUB HEAD				
	SECTION F - LIGHTING & FAN FIXTURES				
1	Supply ,installation,making connections, of following light fixtures as per drawing and specification and make /model as per approval.				
	Note: In case or Change or light fixture type, the unit rates of fixtures of nearest type shall be applicable and the item shall not be treated as an extra item. The makes and model number are stated only to clarify the intent of dsign and are not binding.				
1.1	Philips BN068C LED6/NW L600 G2	144	Nos		
1.2	Philips Core Line Wall mounted 22 W	144	Nos		
1.3	Philips Core Line Wall mounted 28 W	50	Nos		
1.4	Philips ADRENO Mirror Light	18	Nos		
2	CEILING ,EXHAUST & VENTILATION FANS				
2.1	Supply, installation & connection of ceiling fan, 56" dia 220Volts AC Rated Power 55 Watts Speed 355 RPM and air delivery 250 cum per min sweep size 1400mm complete with all mounting accessories in approved make and as per specification.	72	Nos		
2.2	Supply, installation & connection of Centrifugal fan (FN-05) of Capacity and specification as mentioned in Specification sheet complete with Foundation and supports and commissioning, testing, cleaning, Adjusting, Balancing, including with all consumable and accessories of any of the brand mentioned in approvd list of materials & manufacturers) and as per specification.	1	Nos		
2.3	Supply, installation & connection of Centrifugal fan (FN-05) ofCapacity and specification as mentioned in Specification sheet complete with Foundation and supports and commissioning, testing, cleaning,Adjusting,Balancing, including with all consumable and accessories of any of the brand mentioned in approvd list of materials & manufacturers) and as per specification.	1	Nos		

	CIDI S HOSTEL BUASE II DI CON I DI CON II D	I OCK III	BI OCK	/ ID A CTAF	E TOWN!	
	GIRLS HOSTEL PHASE-II BLOCK I,BLOCK II, B NON-SCHEDULE RATE ITEMS BASED ON PRE				FIOWN	
2	CEILING ,EXHAUST & VENTILATION FANS (Conto		MANNET			
2.4	AIR DEVICES	<i>)</i>				
∠.→	Supply ,installation,making connections, of 6" dia					
	Disc Valve Similar to Model Tyrox Type LV					
	complete with all supports and consumables and	48	Nos			
	aceessories of any of brand as mentioned in					
	approved list and as per specifications.					
3	VENTILATION DUCT WORK					
	Supply ,Installation,making Machine made duct work for Air Exhaust , complete with GI Duct					
	sleeve & supports including with all d					
3.1	consumables and aceessories of any of brand as	1400	Sqft			
	mentioned in approved list and as per					
	specifications.					
	Supply & Installation of Quadrant volume					
3.2	dampers (Clear Type) complete with all	20	Sqft			
	accessories of any of the brand as mentioned in					
	approved manufacturer's list as per specification. Supply & Installation of Butterfly dampers 6" (
	150mm) dia complete with all accessories of any					
3.3	of the brand as mentioned in approved	48	Nos			
	manufacturer's list as per specification.					
	Supply & Installation of Flexible duct 6" (150mm		1			
0.4) dia complete with all accessories of any of the		D			
3.4	brand as mentioned in approved manufacturer's	96	RFT			
	list as per specification.					
	Supply & Installation of Flexible duct Connector					
3.5	complete with all accessories of any of the brand	2	Lot			
	as mentioned in approved manufacturer's list as per specification.					
	#''					
	TOTAL AMOUNT FOR THIS SUB HEAD				1	
	 				1	
а	SUMMARY FOR ELECTRICAL WORKS					
	SECTION -a WIRING					
	SECTION -b DISTRIBUTION BOARD					
	SECTION -c MAIN, SUMB MAIN CABLES & RAG	CE WAYS				
	SECTION d FIRE ALARM SYSTEM					
	SECTION E CCTV CAMERA					
	SECTION F LIGHT, FAN & VENTILATION FIXT	URE				
	SECTION G EARTHENING					
	TOTAL FOR ELECTRICAL WORKS					
	PLUMBING ITEMS					
	SECTION -1 PLUMBING WORKS					
	SECTION -2 SANITARY FICTURES					
	SECTION- 3 WATER SUPPLY					
11	TOTAL FOR PLUMBING					
	HVAC					
	SECTION-1 AIR CONDITIONING					
	SECTION-2 AIR VENTILATION		1			
	SECTION-3 ELECTRICAL WORKS	1	1			
	SECTION-4 MISC.		<u> </u>			
12	TOTAL FOR HVAC SYSTEM					
	FIRE FIGHTING	1	+			
	TOTAL NON SCH. ITEMS	1	+			
	TOTAL FOR SCH. & NON SCH ITEMS	1	1	l		
	ADDING PREMIUM ON SCH.		1			
	NON SCH.		1			
	III		1			
			1			
		Ì	1			
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