

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.NO	INSTRUCTIONS
1	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.
3	All material, Equipments, Fittings & Fixtures shall be strictly as per "List of Approved Manufacturer"
4	All bidders are advised to quote as per specifications and drawing. Any tender not quoting as per specification is liable to rejection.
5	All bids shall be accompanied by one additional copy of the main proposal and priced BOQ marked as " DUPLICATE" duly filled ,signed and stamped.
6	All specifications, drawings and other documents supplied shall be returned with the tender bid duly signed & stamped.
7	Any discrepancies 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
8	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 .
9	The rate quoted shall be inclusive of all type of with holding , sales, or local taxes,
10	Generally the following shall be deemed to be included in the prices submitted with all items herein :
a)	Erection, dismantling and removal of all Contractor's site offices, stores, yards etc
b)	Labour and all cost in connection therewith material and goods and all costs in connection therewith including not limited to cartage delivery, unloading, returning packing. Handling, hoising to any height, lowering, octrai charges etc.
c)	Supply of shop drawings and as built drawing as per mentioned in the General and 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	
	LIST OF APPROVED MANUFACTURERS	
A	ARCHITECTURAL 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, MATRIX 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, SIKKA, BASF OR EQUIVALENT
24	SOFT WOOD	DEODAR, PARTAL OR EQUIVALENT AS APPROVED

	CONSTRUCTION OF GIRLS HOSTEL PHASE-II AT IBA STAFF TOWN	
	KARACHI UNIVERSITY ENCLAVE	
	LIST OF APPROVED MANUFACTURERS	
B	MEP WORKS	
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
	FIRE 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
	VOICE , 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

	CONSTRUCTION OF GIRLS HOSTEL PHASE-II AT IBA STAFF TOWN	
	KARACHI UNIVERSITY ENCLAVE	
	LIST OF APPROVED MANUFACTURERS	
C	PLUMBING & FIRE SUPPRESSION	
S.NO	DESCRIPTION	APPROVED MANUFACTURERS
a	PLUMBING & 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 EQUIVALENT
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

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	SCHEDULE OF DOORS & WINDOWS

SCHEDULE OF DOORS

S.NO	LOCATION	DOOR TYPE	FRAME	WIDTH	HEIGHT	SHUTTER	HARDWARE
1	BLKI&II BED ROOM	D-4	GI	3'-3"	8'-6"	S/SOLID	BOLT,ALDROP&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 & 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, & HANDLE

SCHEDULE OF WINDOWS							
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S.NO	LOCATION	WINDOW TYPE	FRAME	WIDTH	HEIGHT	SHUTTER	HARDWARE
1	BLKI&II BED ROOM	SLIDING	ALUM-BR	4'-6"	4'-0"	GLAZ/TINT	FLY NET, LOCK
2	BLKI&II UTILITY	SLIDING	ALUM-BR	4'-6"	3'-0"	GLAZ/TINT	FLY NET, 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 FINISHES						
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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

S.NO	DESCRIPTION	COST SCHEDULE BASED ITEMS (PKR)	ADD PREMIUM	TOTAL COST OF SCHEDULE BASED ITEMS	NON SCHEDULE ITEMS	TOTAL COST
1	CIVIL WORKS					
I	MAIN BUILDING					
a	GROUND FLOOR	15304240.79				
b	FIRST FLOOR	10766637.3				
c	SECOND FLOOR	10925371.61				
d	THIRD FLOOR	1243562.009				
e	COMPOUND WALL	1861835.375				
	TOTAL	38239811.7				
II	TENNIS COURT, VOLLEY BALL & CENTRAL COURT	3703910.23				
III	EXTERNAL DEVELOPMENT	3099636.40				
IV	HORTICULTURE	0.00				
	TOTAL					
2	PLUMBING , WATER SUPPLY & FIRE SUPPRESSION WORKS					
A	SOIL, WASTE & VENT PIPING					
B	FITTINGS & FIXTURES					
C	SEWER NET WORK					
D	WATER SUPPLY (HOT & COLD) ,GAS PIPING					
E	VALVES , FITTINGS & FIXTURES					
F	SEPTIC TANK & SOAKAGE PIT	1611273.051				
	TOTAL FOR PLUMBING WORKS					

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S.NO	DESCRIPTION	QTY	UNIT	S/RATE 2012	AMOUNT
	IBA GIRLS HOSTEL PHASE-II IBA STAFF TOWN KARACHI UNIVERSITY ENCLAVE				
	SCHEDULE RATE ITEMS BASED ON CSR (SINDH) 2012				
A	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				
a	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
c	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 Truck----- lead 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				
	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				
	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 TOWN KARACHI UNIVERSITY ENCLAVE				
	SCHEDULE RATE ITEMS BASED ON CSR (SINDH) 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.				
a)	Ratio 1:2: 4 Conc. 90 lbs OPC cement,2 cft Sand 4 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)	2303.81	% Cft	15,771.01	363,333.68

S.NO	DESCRIPTION	QTY	UNIT	S/RATE 2012	AMOUNT
	IBA GIRLS HOSTEL PHASE-II IBA STAFF TOWN KARACHI UNIVERSITY ENCLAVE				
	SCHEDULE RATE ITEMS BASED ON CSR (SINDH) 2012				
	ITEM 11 BLOCK MASONRY (CONTD.)				
ii)	ABOVE 6 " THICKNESS				
	NOTE : ALL THE EXTERNAL PERIPHERAL WALL SHALL BE FAIRFACED PIGMENTED HOLLOW BLOCK MASONRY WALL 190MM THICK USING 390X190X190MM 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	14621.44	137,932.82
12	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 (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	2256.00	% SFT	3,191.76	72,006.11
13	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)	1275.00	%Sft	3,912.85	49,888.84
ii)	Vertical DPC				
	Vertical Damp Proof Course of 3/4" thick Cement Plaster 1:2 with Bitumen at 20 LBS per % Sft. Page No 107 Item No 70	2976.00	%Sft	2,760.99	82,167.06
14	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	1536.10	% CFT	12,595.00	193,472.11
b)	Do 1:2:4 Concrete	336.12	% CFT	14,429.25	48,499.60
II)	TERRAZO FLOOR				
a)	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	1967.00	% SFT	12,698.37	249,776.94
b)	Mosaic Chequre Tiles of 8"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 Ref Item No 56 Page No47	412.00	% SFT	15,361.14	63,287.90
C)	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

S.NO	DESCRIPTION	QTY	UNIT	S/RATE 2012	AMOUNT
(A)	GIRLS HOSTEL PHASE-II IBA STAFF TOWN KARACHI UNIVERSITY ENCLAVE				
	SCHEDULE RATE ITEMS BASED ON CSR (SINDH) 2012				
(a)	Structural Works				
	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	CFT	337	864,220.26
(III)	Slabs / projection etc	4,566	CFT	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
2	Steel Reinforcement				
	<i>NOTE: DEFORM G-60 BAR SHALL BE USED. FOR THE DIFFERENCE IN BASE PRICE BIDDER SHALL QUOTE THE DIFFERENCE AS NON SCHEDULE ITEM</i>				
	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	566.263	CWT	5001.7	2,832,276.65
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)	3076.06	% Cft	16,099.98	495,244.61
ii)	ABOVE 6 " THICKNESS				
	<i>NOTE : ALL PERIPHERAL OUTER WALL SHALL BE 190MM THICK FAIR FACED PIGMENTED HOLLOW BLOCK MASONARY USING 390MMX190MMX190MM FAIR FACE PIGMENTED HOLLOW BLOCK</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. 23)	943.36	% Cft	14950.41	141,036.19

S.NO	DESCRIPTION	QTY	UNIT	S/RATE 2012	AMOUNT
(A)	GIRLS HOSTEL PHASE-II BLOCK II IBA STAFF TOWN KARACHI UNIVERSITY ENCLAVE				
	SCHEDULE RATE ITEMS BASED ON CSR (SINDH) 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				
i)	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
B	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 CHEQUED 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 including 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

[illegible]

S.NO	DESCRIPTION	QTY	UNIT	S/RATE 2012	AMOUNT
(A)	GIRLS HOSTEL PHASE-II BLOCK II IBA STAFF TOWN KARACHI UNIVERSITY ENCLAVE				
	SCHEDULE RATE ITEMS BASED ON CSR (SINDH) 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 Cft stone aggregate				
(i)	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
(III)	Slabs / projection etc	4,566	CFT	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
2	Steel Reinforcement				
	<i>NOTE: DEFORM G-60 BAR SHALL BE USED. FOR THE DIFFERENCE IN BASE PRICE BIDDER SHALL QUOTE THE DIFFERENCE AS NON SCHEDULE ITEM</i>				
	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)	3076.06	% Cft	16,531.04	508,504.26
ii)	ABOVE 6 " THICKNESS				
	<i>NOTE : ALL PERIPHERAL OUTER WALL SHALL BE 190MM THICK FAIR FACED PIGMENTED HOLLOW BLOCK MASONARY USING 390MMX190MMX190MM FAIR FACE PIGMENTED HOLLOW BLOCK</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. 23)	943.36	% Cft	15381.47	145,102.64

S.NO	DESCRIPTION	QTY	UNIT	S/RATE 2012	AMOUNT
(A)	IBA GIRLS HOSTEL PHASE-II IBA STAFF TOWN KARACHI UNIVERSITY ENCLAVE				
	SCHEDULE RATE ITEMS BASED ON CSR (SINDH) 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				
i)	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
B	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 CHEQUED 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	500.94	% SFT	13108.37	65,665.07
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 including 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
8	METAL WORK				
i)	Door Frame 7"x2"	675.00	Prft	240.5	162,337.50
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 TOWN KARACHI UNIVERSITY ENCLAVE				
	SCHEDULE RATE ITEMS BASED ON CSR (SINDH) 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				
	Add Extra Labour for STEEL in Second Floor	702.62	Cwt	151.25	106,271.28
13	EXTRA LABOUR FOR PLASTER IN 2ND FLOOR				
	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				
I)	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				
	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 painting 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)	IBA GIRLS HOSTEL PHASE-II IBA STAFF TOWN KARACHI UNIVERSITY ENCLAVE				
	SCHEDULE RATE ITEMS BASED ON CSR (SINDH) 2012				
(a)	Structural Works				
	THIRD 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	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
2	Steel Reinforcement				
	<i>NOTE: DEFORM G-60 BAR SHALL BE USED. FOR THE DIFFERENCE IN BASE PRICE BIDDER SHALL QUOTE THE DIFFERENCE AS NON SCHEDULE ITEM</i>				
	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	37.8	CWT	5455.45	206,216.01
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)	656.58	% Cft	16,962.10	111,369.76
ii)	ABOVE 6 " THICKNESS				
	<i>NOTE : ALL PERIPHERAL OUTER WALL SHALL BE 190MM THICK FAIR FACED PIGMENTED HOLLOW BLOCK MASONARY USING 390MMX190MMX190MM FAIR FACE PIGMENTED HOLLOW BLOCK</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. 23)	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 KARACHI UNIVERSITY ENCLAVE				
	SCHEDULE RATE ITEMS BASED ON CSR (SINDH) 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 including 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)	1107.00	% 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				
	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

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S.NO	DESCRIPTION	QTY	UNIT	S/RATE 2012	AMOUNT
	IBA GIRLS HOSTEL PHASE-II IBA STAFF TOWN KARACHI UNIVERSITY ENCLAVE				
	SCHEDULE RATE ITEMS BASED ON CSR (SINDH) 2012				
A	COMPOUND WALL				
1	Jungle Clearance				
	Jungle Clearance and removing within 100 ft (b) thick Item No 4 (b) Page 95 Chapter 18	3500.00	%) Cft	151.25	529.38
2	EXCAVATION FOR FOUNDATION				
a	Excavation in shingle or gravel formation and rock in dry not requiring blasting undressed lead upto 100ft. (Page No1 item No 4)	4,375	%0Cft	5,747.50	25,145.31
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	500	%0Cft	28,672.05	14,336.03
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	2,500	% CFT	407.00	10,175.00
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)	2500.00	%0 CFT	1512.5	3,781.25
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	440	% 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
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 screining 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				
a)	Ratio 1:2: 4 Conc. 90 lbs OPC cement,2 cft Sand 4 Cft, 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 KARACHI UNIVERSITY ENCLAVE				
	SCHEDULE RATE ITEMS BASED ON CSR (SINDH) 2012				
A	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	120	CWT	5001.7	600,204.00
	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	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)	1200.00	% 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 painting 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 Item 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

S.NO	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	GIRLS HOSTEL BLOCK -1 & II PHASE-II				
	NON -SCHEDULE RATE ITEMS BASED ON ENGINEER'S PREVAILING MARKET RATE 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 of soil for engineering purpose) including cost of 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.	5500.00	CFT		
2	ADD EXTRA FOR SULPHATE RESISTANT CEMENT				
	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 lieu of Tor Bar	814	Cwt		
	ARCHITECTURAL				
4	PRECAST SPIRAL STAIR CASE				
	Providing, making and fixing Pre Cast Spiral staircase using 1:2:4 concrete with nominal steel complete in all respects confirming to the details given in drawing, specification and as per direction of Engineer.	2.00	Each		
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 wooden rail. Complete in all respects confirming to the requirements of drawings, specifications and as per direction by the Engineer.	60.00	RFT		
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 stiffener horizontal for support all welded properly and anchored/grouted to RCC structures including 3" circular wooden hand rail at top screwed 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.	60.00	RFT		

S.NO	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	GIRLS HOSTEL BLOCK -1 & II PHASE-II				
	NON -SCHEDULE RATE ITEMS BASED ON ENGINEER'S PREVAILING MARKET RATE 2021				
6	ROUGH CAST MACHINE PLASTER				
	Providing and applying 1/8" thick rough cast plaster over external grooved plastered surface using 1:3 CSM including scaffolding, levelling, finishing, curing etc at any height as per drawing, specification as per direction.	1800	SFT		
7	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 confirming of drawing and specification and to the entire satisfaction of the Engineer.	140	SFT		
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 lipping alaround including hard ware like hinges. 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.)	546	SFT		
(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		
(iv)	Do but Bath Room Door D7 Panels 2-6"x 6'-6" with SS Kick Plate on both sides & push plate /handle	260	SFT		
9	FAIR FACED HOLLOW BLOCK CAVITY WALL 90MM THICK IN EXISTING BLOCK 3 & BLOCK 4				
(I)	Proving and laying in position fairfaced hollow block 390x190x90mm Envicrete or equivalent pigmented block masonry 90mm thick CAVITY WALL with 1:4CSM with 10mm raked joint including drilling and fixing 3/8" dia pin in existing wall as per drawing & direction all complete in all respect.	1475	SFT		
II)	DO - BUT USING SOLID BLOCK 90MM THICK	300	SFT		
10	FAIR FACED HOLLOW BLOCK MASONARY				
I)	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 Compressice strength of hollow block 1000 psi +/-5% based on net area including cost of all type of material, transportation, loading ,unloading, wastage, scaffolding, curing, raking out joints in true level and length etc complete including removing of all dirt, debris, strain etc. complete.	2500	SFT	160	400000.00
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 ENGINEER'S PREVAILING MARKET RATE 2021				
11	ALUMINUM PROFILE ON EXPANSION JOINT 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 to make the points weather tight , as per detail No CW 01.1 complete as per drawing and as per direction.	80.00	Rft		
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" C/C , including cutting of strip, fixing tightly so as to make the joints weather tight, as per detail CW 011 complete as per drawing and direction.	65.00	Rft		
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 provision for light fixture, A/C diffusers, smoke detectors etc. Complete in the respect and confirming to the requirements of drawings, specification.	580.00	SFT		
14	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		
15	GROOVE PLASTER				
	Providing and laying 1-1/2" thick external groove plaster (1:5) CSM to external block masonry and concrete wall surface, 3/4" thick base plaster and 3/4" thick and 5" wide strip making 3/4"x1" groove 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 as per drawing and specification and as per direction.	1800.00	SFT		
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 / 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		

S.NO	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	IBA GIRLS HOSTEL PHASE-II AT IBA STAFF TOWN KARACHI UNIVERSITY ENCLAVE				
	NON -SCHEDULE RATE ITEMS BASED ON ENGINEER'S PREVAILING MARKET RATE 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.	50.00	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 GROUND FLOOR				

S.NO	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	IBA GIRLS HOSTEL PHASE-II AT IBA STAFF TOWN KARACHI UNIVERSITY ENCLAVE				
	NON -SCHEDULE RATE ITEMS BASED ON ENGINEER'S PREVAILING MARKET RATE 2021				
	FIRST FLOOR				
	STRUCTURAL				
1	ADD EXTRA FOR DEFORM BAR USED				
	Add extra for G-60 Deformed bar used in lieu 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 wooden rail. Complete in all respects confirming to the requirements of drawings, specifications and as per direction by the Engineer.	60.00	RFT		
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 stiffener horizontal for support all welded properly and anchored/grouted to RCC structures including 3" circular wooden hand rail at top screwed 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 .	60.00	RFT		
3	ROUGH CAST MACHINE PLASTER				
	Providing and applying 1/8" thick rough cast plaster over external grooved plastered surface using 1:3 CSM including scaffolding, levelling, finishing, curing etc at any height as per drawing,specification.	1800	SFT		
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 confirming of drawing and specification and to the entire satisfaction of the Engineer.	140	SFT		
5	SOLID CORE FLUSH DOOR PANEL				
(I)	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 lipping alaround including hard ware like hinges. 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.)	546	SFT		
(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		
(iv)	Do but Bath Room Door D7 Panels 2-6"x 6'-6" with SS Kick Plate on both sides & push plate /handle	260	SFT		

S.NO	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	IBA GIRLS HOSTEL PHASE-II AT IBA STAFF TOWN KARACHI UNIVERSITY ENCLAVE				
	NON -SCHEDULE RATE ITEMS BASED ON ENGINEER'S PREVAILING MARKET RATE 2021				
	FIRST FLOOR				
6	FAIR FACED HOLLOW BLOCK CAVITY WALL 90MM THICK IN EXISTING BLOCK 3 & BLOCK 4				
(I)	Providing and laying in position fairfaced hollow block 390x190x90mm Envicrete or equivalent pigmented block masonry 90mm thick CAVITY WALL with 1:4CSM with 10mm raked joint including drilling and fixing 3/8"dia pin in existing wall as per drawing & direction all complete in all respect.	1475	SFT		
(II)	DO - BUT USING SOLID BLOCK 90MM THICK	300	SFT		
7	FAIR FACED HOLLOW BLOCK MASONARY				
(I)	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 Compressice strength of hollow block 1000 psi +/-5% based on net area including cost of all type of material, transportation, loading ,unloading, wastage, scaffolding, curing, raking out joints in true level and length etc complete including removing of all dirt, debris, strain etc. complete.	2500	SFT		
(II)	DO- BUT SOLID FAIR FACED 390MM THICK	500	SFT		
8	ALUMINUM PROFILE ON EXPANSION JOINT 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 as to make the points weather tight , as per detail No CW 01.1 complete as per drawing and as per direction.	80.00	Rft		
9	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" C/C , including cutting of strip, fixing tightly so as to make the joints weather tight, as per detail CW 011 complete as per drawing and direction.	65.00	Rft		
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 provision for light fixture, A/C diffusers, smoke detectors etc. Complete in the respect and confirming to the requirements of drawings, specification.	580.00	SFT		

S.NO	DESCRIPTION	QTY	UNIT		
	IBA GIRLS HOSTEL PHASE-II AT IBA STAFF TOWN KARACHI UNIVERSITY ENCLAVE				
	NON -SCHEDULE RATE ITEMS BASED ON ENGINEER'S PREVAILING MARKET RATE 2021				
	FIRST FLOOR				
11	GROOVE PLASTER				
	Providing and laying 1-1/2" thick external groove plaster (1:5) CSM to external block masonry and concrete wall surface, 3/4" thick base plaster and 3/4" thick and 5" wide strip making 3/4"x1" groove 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 as per drawing and specification and as per direction.	1800.00	SFT		
12	ROUGH CAST MACHINE PLASTER				
	Providing and applying 1/8" thick rough cast plaster over external grooved plastered surface using 1:3 CSM including scaffolding, levelling, finishing, curing etc at any height as per drawing, specification as per direction.	1800	SFT		
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 confirming of drawing and specification and to the entire satisfaction of the Engineer.	140	SFT		
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 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	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	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.	336.00	SFT		

S.NO	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	IBA GIRLS HOSTEL PHASE-II AT IBA STAFF TOWN KARACHI UNIVERSITY ENCLAVE				
	NON -SCHEDULE RATE ITEMS BASED ON ENGINEER'S PREVAILING MARKET RATE 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 FIRST FLOOR				

S.NO	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	IBA GIRLS HOSTEL PHASE-II AT IBA STAFF TOWN KARACHI UNIVERSITY ENCLAVE				
	NON -SCHEDULE RATE ITEMS BASED ON ENGINEER'S PREVAILING MARKET RATE 2021				
	SECOND FLOOR				
	STRUCTURAL				
1	ADD EXTRA FOR DEFORM BAR USED				
	Add extra for G-60 Deformed bar used in lieu of Tor Bar	625	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 wooden rail. Complete in all respects confirming to the requirements of drawings, specifications and as per direction by the Engineer.	60.00	RFT		
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 stiffener horizontal for support all welded properly and anchored/grouted to RCC structures including 3" circular wooden hand rail at top screwed 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.	60.00	RFT		
3	ROUGH CAST MACHINE PLASTER				
	Providing and applying 1/8" thick rough cast plaster over external grooved plastered surface using 1:3 CSM including scaffolding, levelling, finishing, curing etc at any height as per drawing,specification .	1800	SFT		
4	GLASS FOR SKY LIGHT				
	Providing and fixing 6mm thick clear glass for sky	140	SFT		
5	SOLID CORE FLUSH DOOR PANEL				
(I)	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 lipping alaround including hard ware like hinges. 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.)	546	SFT		
(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		
(iv)	Do but Bath Room Door D7 Panels 2-6"x 6'-6" with SS Kick Plate on both sides & push plate /handle	260	SFT		

S.NO	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	IBA GIRLS HOSTEL PHASE-II AT IBA STAFF TOWN KARACHI UNIVERSITY ENCLAVE				
	NON -SCHEDULE RATE ITEMS BASED ON ENGINEER'S PREVAILING MARKET RATE 2021				
	SECOND FLOOR				
6	FAIR FACED HOLLOW BLOCK CAVITY WALL 90MM THICK IN EXISTING BLOCK 3 & BLOCK 4				
(I)	Providing and laying in position fairfaced hollow block 390x190x90mm Envicrete or equivalent pigmented block masonry 90mm thick CAVITY WALL with 1:4CSM with 10mm raked joint including drilling and fixing 3/8"dia pin in existing wall as per drawing & direction all complete in all respect.	1475	SFT		
(II)	DO - BUT USING SOLID BLOCK 90MM THICK	300	SFT		
7	FAIR FACED HOLLOW BLOCK MASONARY				
(I)	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 Compressice strength of hollow block 1000 psi +/-5% based on net area including cost of all type of material, transportation, loading ,unloading, wastage, scaffolding, curing, raking out joints in true level and length etc complete including removing of all dirt, debris, strain etc. complete.	2500	SFT		
(II)	DO- BUT SOLID FAIR FACED 390MM THICK	500	SFT		
8	ALUMINUM PROFILE ON EXPANSION JOINT 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 as to make the points weather tight , as per detail No CW 01.1 complete as per drawing and as per direction.	80.00	Rft		
9	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" C/C , including cutting of strip, fixing tightly so as to make the joints weather tight, as per detail CW 011 complete as per drawing and direction.	65.00	Rft		
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 provision for light fixture, A/C diffusers, smoke detectors etc. Complete in the respect and confirming to the requirements of drawings, specification.	580.00	SFT		
11	GROOVE PLASTER				
	Providing and laying 1-1/2" thick external groove plaster (1:5) CSM to external block masonry and concrete wall surface, 3/4" thick base plaster and 3/4" thick and 5" wide strip making 3/4"x1" groove 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 as per drawing and specification.	1800.00	SFT		
12	ROUGH CAST MACHINE PLASTER				
	Providing and applying 1/8" thick rough cast plaster over external grooved plastered surface using 1:3 CSM including scaffolding, levelling, finishing, curing etc at any height as per drawing,specification as per direction.	1800	SFT		

S.NO	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	IBA GIRLS HOSTEL PHASE-II AT IBA STAFF TOWN KARACHI UNIVERSITY ENCLAVE				
	NON -SCHEDULE RATE ITEMS BASED ON ENGINEER'S PREVAILING MARKET RATE 2021				
	SECOND FLOOR				
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 confirming of drawing and specification and to the entire satisfaction of the Engineer.	140	SFT		
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 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	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	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.	50.00	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 SECOND FLOOR				

S.NO	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	GIRLS HOSTEL BLOCK -1				
	NON -SCHEDULE RATE ITEMS BASED ON ENGINEER'S PREVAILING MARKET RATE 2021				
	THIRD FLOOR				
	STRUCTURAL				
1	ADD EXTRA FOR DEFORM BAR USED				
	Add extra for G-60 Deformed bar used in lieu of Tor Bar	38	Cwt		
	ARCHITECTURAL				
2	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 Compressice strength of hollow block 1000 psi +/-5% based on net area including cost of all type of material, transportation, loading ,unloading, wastage, scaffolding, curing, raking out joints in true level and length etc complete including removing of all dirt, debris, strain etc. complete.	1575	SFT		
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 Compressice strength of hollow block 1500 psi +/-5% based on net area including cost of all type of material, transportation, loading ,unloading, wastage, scaffolding, curing, raking out joints in true level and length etc complete including removing of all dirt, debris, strain etc. complete.	350	SFT		
4	ROOF TREATMENT				
	Provide and laying roof treatment of following items (For payment screed area will be measured)				
a	Providing & Laying elastomeric cementitious waterproofing and protective coating of Expancote Rubber-flex two-component acrylic polymer modified cementitious coating manufactured by M/S FOS PAK or equivalent confirming to ASTM D412 & ASTM D4541: 1989 in two coats to achieve a total dry film thickness of 1.25 – 2.00 mm as per manufacturer's recommendation with experienced applicator.	5800.00	SFT		
b	1:2:4 screed in required slope minimum 2-1/2" thick (Average) laid in Panel using 5mm thick glass strip , including curing, making ridges, valleys, chamfered edges, hacking of existing surface for bond where necessary etc.	5800.00	SFT		

S.NO	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	GIRLS HOSTEL BLOCK -1				
	NON -SCHEDULE RATE ITEMS BASED ON ENGINEER'S PREVAILING MARKET RATE 2021				
	THIRD FLOOR				
c	DURACRETE				
	Providing & mixing Duracrete Polypropylene fibre by Matrixx mixing at the rate as per recommendation by manufacturer @100gms per bag of Cement as per direction of the Engineer Incharge.	5.00	Kg		
d	ROOF INSULATION				
	Providing & fixing NON FAIR FACED BUT DENSE Hollow block 390mmx190mmx90mm high density in natural colour manufacture by M/S Envicrete, Izhar Ltd 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				
(I)	Proving and laying in position fairfaced hollow block 390x190x90mm Envicrete or equivalent pigmented block masonry 90mm thick CAVITY WALL with 1:4CSM with 10mm raked 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 TOWN KARACHI UNIVERSITY ENCLAVE				
	SCHEDULE RATE ITEMS BASED ON CSR (SINDH) 2012				
(a)	Structural Works				
B	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				
a	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 Item 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 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)	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 KARACHI UNIVERSITY ENCLAVE				
	SCHEDULE RATE ITEMS BASED ON CSR (SINDH) 2012				
(a)	Structural Works				
10	REINFORCEMENT BAR				
	<i>NOTE: DEFORM G-60 BAR SHALL BE USED. FOR THE DIFFERENCE IN BASE PRICE BIDDER SHALL QUOTE THE DIFFERENCE AS NON SCHEDULE ITEM</i>				
	Fabrication of Mild Steel Reinforcementtr 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 17	60	Per CWT	5,001.70	300,102.00
11	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 KARACHI UNIVERSITY ENCLAVE				
	NON SCHEDULE BASED ITEMS BASED ON PREVAILING MARKET RATES 2021				
B	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/fixd 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				
	Add for Extra for SR cement used below plinth	400	Bags		
8	ADD EXTRA FOR DEFORM BAR USED				
	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 KARACHI UNIVERSITY ENCLAVE				
	NON SCHEDULE BASED ITEMS BASED ON PREVAILING MARKET 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 KARACHI UNIVERSITY ENCLAVE				
	SCHEDULE BASED ITEMS CSR 2012				
	EXTERNAL DEVELOPMENT				
3	EXCAVATION FOR FOUNDATION				
a	Excavation in shingle or gravel formation and rock in dry 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 by Truck----- lead 1 mile	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 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)	19690.00	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).	19,690	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	5,500	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 KARACHI UNIVERSITY 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				
a	Supply &Grassing fine by dribbling grass roots 3"	8500	SFT		
b	same as item bumper 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 Chloropyrphos 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.				
a	T-01 Champa Tree (2" dia trunk size, 8'-10' high, Multiple branching).	25			
b	T-02 Termenalia (1.5"-2"dia trunk size, 8-10' high multiple branching)	45			
c	T-03 Bamboo Tree (2" dia trunk size, 8'-10' high, Multiple branching)	25			
d	T-05 Erika Palm 5' high	10			
e	T-06 Cornocorpus Hedge 8' high	25			
f	T-07 Triangular Palm 10" high	20			
g	T-08 Gulmuhar Tree (2" dia trunk size, 8'-10' high, Multiple branching).	25			
4	HORTICULTURE				
5	GROUND COVER				
	Providing and planting the following ground covers as per drawings, specifications, and as instructed by architect.				
a	Wadhlia (yellow flowering)				
b	Pebbles				
c	Crush (1" thick Avg. grey color)				
	TOTAL AMOUNT				

S.NO	DESCRIPTION	QTY	UNIT	RATE	AMOUNT		
	GIRLS HOSTEL PHASE-II IBA STAFF TOWN KARACHI UNIVERSITY ENCLAVE						
	NON-SCHEDULE RATE ITEMS BASED ON PREVAILING MARKET RATES						
	PLUMBING,WATER SUPPLY,HVAC & FIRE SEPRESSION WORKS						
	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 KARACHI UNIVERSITY ENCLAVE				
	NON-SCHEDULE RATE ITEMS BASED ON PREVAILING MARKET RATES				
	PLUMBING & FIRE SEPRESSION WORKS				
	SECTION -B SANITARY FIXTURES AND FITTINGS				
1	WATER CLOSET				
1.1	Supply & Installation of WC Western Floor Mounted Flush tank operated, including with all consumables and accessories, of any Brand make and model as mentioned in Approved list	12	Nos		
1.2	Supply and installation of WC Eastern Cistern Operated, including with all accessories and consumables of any of the Brand, make and model as per approved manufacturer's list.	6	Nos		
2	WASH HAND BASIN				
2.1	Supply and Installation of wash Hand Basin of Half Pedestal, including all consumable and accessories of any of the band, make and Model as per manufacturer's List.	18	Nos		
2.2	Providing & Installation of SINGLE LEVER Wash Hand Basin Mixer including with all accessories and consumable of approved make , model and colour as per approved manufacturer's list	18	Nos		
3	SHOWER MIXER				
3.1	Supply & Installation of Single lever Shower Mixer & shower hose, including with all consumable and accessories of approved make and model in approved colour.	12	Nos		
4	BIB COCK				
4.1	Supply and installation of WC Bib Cock including with all consumable and accessories of approved make & model in approved colour	18	Nos		
4.2	Supply & Installation of Janitorial Bib Cock including with all consumable and accessories as approved make & model.	6	Nos		
5.0	LIQUID SOAP DISPENSER				
	Supply & Installation of Liquid Soap Dispenser including all consumable and accessories of approved make & model.	6	Nos		
6.0	WC HAND SHOWER				
6.10	Supply and Installation of WC Hand Shower including with all consumable and accessories as per approved make and model.	18	Nos		
7	TOILET PAPER HOLDER				
7.1	Supply & Installation of toilet paper holder including all accessories and consumable of approved make and model.	18	Nos		
8	TOWEL RAIL				
8.1	Supply & Installation of Towel Rail including all accessories and consumable of approved make and model.	18	Nos		
	TOTAL OF THIS SUB HEAD				

S.NO	DESCRIPTION	QTY	UNIT	RATE	AMOUNT		
	GIRLS HOSTEL PHASE-II , IBA STAFF TOWN KARACHI UNIVERSITY ENCLAVE						
	NON-SCHEDULE RATE ITEMS BASED ON PREVAILING 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 8061-8062 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 masonry 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, BLOCK III, BLOCKIV IBA STAFF TOWN				
	NON-SCHEDULE RATE ITEMS BASED ON PREVAILING MARKET RATES				
B	PLUMBING WORKS				
	SECTION -D WATER ,GAS & FIRE SUPPRESSION PIPING				
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 LIST				
2.10	3/4 inches Diameter	440	RFT		
2.2	1 inch Diameter	75	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 Foam (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 .				
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 (GI) 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	QTY	UNIT	RATE	AMOUNT
	GIRLS HOSTEL PHASE-II BLOCK I,BLOCK II, BLOCK III, BLOCKIV IBA STAFF TOWN				
	NON-SCHEDULE RATE ITEMS BASED ON PREVAILING MARKET RATES				
B	PLUMBING WORKS				
	SECTION -E WATER ,GAS & FIRE SUPPERSION FITTINGS & FIXTURES				
1	CONTROLLING VALVES				
1.1	Landing Valve hydrant with quick coupling of the size 2-1/2 Inches diameter incl. all consumable and accessories as per specification and approved make and model.	8	Each		
1.2	Supply, install and commission Gate Valves confirming with ASTM A216 - WCB with all consumable and accessories as per drawings & specifications. KITZ or equivalent as approved.				
a	1 inch Diameter	12	Nos		
b	1-1/4 inch Diameter	6	Nos		
c	1-1/2 inch Diameter	10	Nos		
1.3	CHECK VALVES				
	Supply, install and commission CHECK Valves confirming with ASTM A216 - WCB with all consumable and accessories as per drawings & specifications. KITZ or equivalent as approved. 1-1/2" dia	4	Nos		
1.4	FLOAT VALVES				
	Supply, install and commission FLOAT Valves confirming with ASTM A216 - WCB with all consumable and accessories as per drawings & specifications. KITZ or equivalent as approved. 1-1/2" dia	4	Nos		
2	VALVE CHAMBER				
	Supply, install and commission VALVE CHAMBER 36" X24" DEPTH AS PER REQUIRED WITH 6" THICK BLOCK MASONARY 1:6cs and 1/2" thick internal & external water proof plaster complete as per drawings & specifications including PVC frame and cover as per drawing & direction.	4	NOS		
3	COLD & HOT WATER DISPENSER				
	Supply & Install Cold & Hot Water Dispenser Plastic body 36"Hx 11"W and 12"D as per approved make and model.	6	NOS		
4	GAS GYSER				
	Supply, install and commission Gas water Gyser 55 Gallons Capacity 10 ~12 SWG Galvanized Water Tank, Heavy duty Thermostat with pressure relieving valve complete as per specification.	6	NOS		
5	OVER HEAD WATER TANK				
	Supply, installation and Commissioning of Over Head Fibre Glass Water Tank 500 US Gallons (1892 litres) horizontal type complete with all fittings as per drawings & specifications.	2	NOS		

S.NO	DESCRIPTION	QTY	UNIT	S/RATE 2012	AMOUNT
	GIRLS HOSTEL PHASE-II IBA STAFF TOWN KARACHI UNIVERSITY ENCLAVE				
	NON-SCHEDULE RATE ITEMS BASED ON PREVAILING MARKET RATES				
B	PLUMBING WORKS				
	SECTION -E WATER ,GAS & FIRE SUPPERSION FITTINGS & FIXTURES				
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				
a	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 KARACHI UNIVERSITY ENCLAVE				
	SCHEDULE RATE ITEMS BASED ON CSR (SINDH) 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				
a	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
c	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 Truck----- lead 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 KARACHI UNIVERSITY ENCLAVE				
	SCHEDULE RATE ITEMS BASED ON CSR (SINDH) 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				
(I)	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	RATE	AMOUNT
	GIRLS HOSTEL PHASE-II IBA STAFF TOWN KARACHI UNIVERSITY ENCLAVE				
	ITEMS RATES BASED ON PREVAILING MARKET RATES 2021				
	PART-A WIRING				
	SECTION - A GENERAL WIRING				
1	(A) LIGHT POINT, FAN POINT & POWER POINT WIRING				
1.1	Wiring with 2x1.5 Sq mm+1x1.5 Sqmm 1-C PVC insulated cables in 20mm dia or larger PVC conduit concealed in slab/wall/floor complete in all respects including connection, testing, as per approved make and specification.				
a)	Wiring from switch to light /fan point	320	NOS		
b)	Wiring from light point to light point	55	NOS		
c)	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 concealed 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 concealed in slab/wall/floor complete in all respects including connection, testing, as per approved make and specification.				
a)	Wiring from DB to First Power Out let	42	NOS		
b)	Wiring from DB to out let for water Dispenser	9	NOS		
c)	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	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 Switch Unit	9.00	NOS		
d)	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)	15A 3 pin simplex out let	90	NOS		
d)	<u>Universal Weather Proof outlet</u>	18	NOS		
e)	Spur Out let	9	Nos		
f)	RJ - 45 Duplex data out let	72	Nos		
g)	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 KARACHI UNIVERSITY ENCLAVE				
	ITEMS RATES BASED ON PREVAILING MARKET RATES 2021				
3	SECTION -B DATA & VOICE SYSTEM. FIRE ALARM & CCTV SYSTEM WIRING				
3.1	Supply and laying of PVC Conduits of following sizes 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				
a)	Supply and Installation of 2Nos CAT-6 +50/125 Micron Fibre Optic Cable in already laid conduit from V/D rack in IT Room to V/D Cabinets or from Cabinet to Cabinet.	145	Mtr.		
b)	Supply, laying, testing and commissioning of wiring for RJ-45 out lets using CAT -6 cables from V/D Racks or cabinet laid in already installed PVC conduit complete in all respects including terminations at both ends.	2740	Mtr.		
3.3	DATA CABLE WIRING ACESSORIES				
a)	Supply & Installation of floor mounted data cable pull box made of 16SWG GI sheet measuring 9"x12"x18" provided with PVC Gasketed back entry of cables and 8 Nos 2" dia PVC screwed glands to grip the out going data cables at top.	2	Nos		
b)	Supply & Installation of wall mounted data cable pull box made of 16SWG GI sheet measuring 9"x9"x6" provided with PVC Gasketed back entry of cables and 8 Nos 2" dia PVC screwed glands to grip the out going data cables at top.	2	Nos		
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 & fire safety rules.	2	Job		
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 respects including termination at both ends.	210	Mtrs		

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S.NO	DESCRIPTION	QTY	UNIT	RATE	AMOUNT		
	GIRLS HOSTEL PHASE-II IBA STAFF TOWN KARACHI UNIVERSITY ENCLAVE						
	NON-SCHEDULE RATE ITEMS BASED ON PREVAILING 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 <input type="checkbox"/> 16 Channel Real Time Network DVR 25 (FPS) <input type="checkbox"/> Multiplex Operation:Live Display/Playbacks <input type="checkbox"/> Recording Backup and Network Simultaneously Support <input type="checkbox"/> USB Flash Drive+USB Mouse Supported	1	No				
2	Supply Installing of Weather Proof Out Door Camera Model #VCE-22600 (OSD) 600TVL <input type="checkbox"/> 1/3 Sony CCD Image Sensor <input type="checkbox"/> 600TVL <input type="checkbox"/> Weather Proof OUT Door Camera <input type="checkbox"/> IR Range 7 meters <input type="checkbox"/> IP 66 Standard <input type="checkbox"/> additional OSD <input type="checkbox"/> DWDR <input type="checkbox"/> BLC and DNR functions <input type="checkbox"/> Communication Setting <input type="checkbox"/> Day & Night Mode	10	No				
3	Supply Installing of HARD DISK 1000 GB SATA <input type="checkbox"/> Designed for 24x7 operation and high write duty cycles <input type="checkbox"/> Video or data read/write profiles <input type="checkbox"/> Enables use of low-cost power suppliesuu <input type="checkbox"/> Performance hard drive infrastructure	1	No				

S.NO	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	GIRLS HOSTEL PHASE-II BLOCK I,BLOCK II, BLOCK III, BLOCKIV IBA STAFF TOWN				
	NON-SCHEDULE RATE ITEMS BASED ON PREVAILING MARKET				
	SECTION -E CCTV CAMERA SYSTEM (Contd.)				
4	Supply Installing of 21 inch Screen Samsung LCD Model:EH4500 <input type="checkbox"/> 1366 x 768 Resolution <input type="checkbox"/> 50Hz Clear Motion Rate <input type="checkbox"/> Digital Noise Filter <input type="checkbox"/> 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 of change of 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 design 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) 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		
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		

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