

6. Bill of QuantitySCOPE OF WORK (C - 17)Repair & Maintenance Works at Staff Town
Residence

Item No.	Description of Item	Quantity	Unit	Rate Rs.	Amount Rs.
1	<u>Dismantling of Existing Finishes</u> Dismantling, cutting & removal of existing Block Masonry, C.C Concrete, Mosaic, Tiles, Plaster on floor & walls including chipping of floor & walls, removal of debris outside staff town premises and handing over of serviceable material like Camode, flush tank, Wash Basin, Bib Cocks, Sink etc. to Engineer Incharge, complete in all respect as per site requirements.	2,000.0	Sft.	20	40000
2	<u>Concrete Block Masonry</u> Supply and lay, in (1:3:6) machine made solid block masonry straight or curve, as specified, set in 1:6 cement - sand mortar with raking out joints on both sides, including curing complete in all respect as per drawings and as specified by Engineer Incharge.				
	<u>Above plinth, set in (1:6) mortar.</u>				
a	125 mm thick (5" thick)	50.0	Sft.	100	5000
b	100 mm thick (4" thick)	50.0	Sft.	80	4000
3	<u>Cement Plastering</u> Supply, make, apply and cure, cement sand plaster as specified including jambs, junctions, corners, edges and round surfaces etc, complete in all respect as per drawing and specifications.				
	<u>20 mm thick in (1:4) mortar.</u> To interior surfaces. With grooves for skirting where required)				
		150.0	Sft.	60	9000

M. HARIS QURESHI
External Member - PC
Procurement Specialist - HEJ
University of Karachi

Yed Akbar Hussain Kazmi
Member - PC
Manager Finance (Payable)
IBA Karachi

DR. SHAHID MIR
Chairman - PC
Assistant Professor - Management
IBA Karachi

SAFI UR RAHMAN KHAN
External Member
Staff Officer/S.E. Chief Engr.
(South)'s Office, Pak. PWD, Karachi

GLAXY ENTERPRISES
SYED WAJEEH ZAIDI
Member - PC
Sr. Manager IT
IBA Karachi



4	<u>Providing & Fixing of Ceramic Tiles in Kitchen & Washroom</u>				
	<u>Ceramic Tiles.</u> Supply and lay ceramic tiles of Shabbir Brand (Prime Quality) or approved equivalent as per approved sample, sizes (10" x 20") or as desired and colors, set with cement slurry including filling and grouting the joints with matching pigments upto 7 ft. height, complete in all respect as per drawing and as directed by the Engineer.				
a	On Floor:- With 40mm (1.5 inch) thick setting bed in (1:6) mortar.	245.0	Sft.	240	58800
b	On Dado (7ft. High) :- with 20mm thick rough plaster in (1:6).	854.0	Sft.	220	187800
5	<u>Kitchen Counter Top.</u>				
	Supply and lay 20mm thick, chemical polished marble slab as specified of approved sample over a setting bed of 40mm thick cement - sand mortar setting bed in (1:4). This includes the cost of filling and grouting the joints with white cement and matching pigment complete in all respect as per drawing, specifications and as directed by the Engineer.				
a	<u>Tippy</u> For kitchen / Vanity Top with bull nosing of half round, including making of openings for sink / wash basin with molding around the openings.	31.0	Sft	250	7750

DR. SHAHID MIR
Chairman - PC
Assistant Professor - Management
IBA Karachi

Syed Akbar Hussain Kazmi
Member - PC
Manager Finance (Payable)
IBA Karachi

SAFI UR RAHMAN KHAN
External Member
Staff Officer/S.E. Chief Engr.
(South)'s Office, Pak. PWD, Karachi

GLAXY ENTERPRISES

SYED WAJEEH ZAHEER
Member - PC
Sr. Manager IT
IBA Karachi



Stamp & Signature

6	<u>Stainless Steel Kitchen Sink</u> <u>Kitchen</u> Supply & fix stainless steel sink double bowl without drain board of china or approved quality with wall sink mixer (Cast Neck - 020-CP) of Master, including cost of brass waste sink with C.P. brass chain, rubber plug waste pipe, brackets for supported to sink and all internal fittings, complete as per specification and as directed by Engineer.	1.0	No.	12000	12000
7	<u>Wood, Plastics and Composites - 06</u> <u>Kitchen Cabinets.</u> Supply and fixing cabinets according to the size and dimensions as per site condition, made with 20mm Lassani board shutter and deodar wood lipping with Formica of approved colors including fixing cabinets to wall with expansion bolts of 10 mm diameter at 600 c/c and all relevant hardware i.e. piano hinges, locking arrangement, handles, painting and polishing etc complete in all respect as shown on drawing specification and as directed by the Engineer. (Note: Sample to be approved by Client prior to start of work.)				
a	Wall Hung Cabinet.	32.0	Sft	1200	38400
b	Base Cabinets	32.0	Sft	900	28800

DR. SHAHID MIR
Chairman - PC
Assistant Professor - Management
IBA Karachi

Syed Akbar Hussain Kazmi
Member - PC
Manager Finance (Payable)
IBA Karachi

M. HARIS QURESHI
External Member - PC
Procurement Specialist - HEJ
University of Karachi

SAFI UR RAHMAN KHAN
External Member
Staff Officer/S.E. Chief Engr.
(South)'s Office, Pak. PWD, Karachi

SYED WAJEEH ZAIDI
Member - PC
Sr. Manager IT
IBA Karachi

GLAXY ENTERPRISES



8	<p><u>Plumbing Piping.</u> <u>Facility Water Distribution</u> <u>PPR Pipes.</u> Supply and lay PPR pipes of PipePlus, Minhas, IIL or approved equivalent for hot and cold water distribution at any height system including specials such as tees, bends, elbows, unions, plugs, reducers etc. with heat fusion jointing method including cutting holes in masonry or concrete in wall, floor and slab and chiseling wall and floor and making good the same, complete in all respect as per drawing, specification and as directed by the Engineer.</p> <p><u>Nominal internal diameter shall be as follows:-</u></p> <p>a 20mm (3/4") Dia</p> <p>b 25mm (1") Dia</p> <p><i>Note: This item includes removal of existing pipe lines</i></p>	250.0 200.0	Rft. Rft.	152 359	37500 79000
9	<p><u>Gate Valves.</u> Supply and install in place hand wheel bronze gate valve of Minhas, Pipe Plus or IIL for water system as specified, approved by the Engineer, complete in all respect as per specifications. <u>Gate Valve with threaded end connections.</u></p> <p>a 25mm (1") internal diameter.</p>	4.0	No.	1000	4000

DR. SHAHID MIR
Chairman - PC
Assistant Professor - Management
IBA Karachi

Syed Akbar Hussain Kazmi
Member - PC
Manager Finance (Payable)
IBA Karachi

SYED WAJEEH ZAIDI
Member - PC
Sr. Manager IT
IBA Karachi

SAFI UR RAHMAN KHAN
External Member
Staff Officer/S.E. Chief Engr.
(South)'s Office, Pak. PWD, Karachi

GLAXY ENTERPRISES



Stamp & Signature

10	<p><u>Facility Sanitary Sewerage.</u></p> <p><u>Nikasi Pipes.</u></p> <p>Supply and lay UPVC pipes of Pak Arab/ Steelelex (SDR-41), Nikasi for soil, waste and vent system including specials such as tees, bends, plugs, reducers, etc. with solvent cement jointing / rubber ring push fit jointing method including cutting holes in masonry or concrete in walls, floor and in slab, making good the same, complete in all respect as per drawing, specification and as directed by the Engineer.</p> <p>a 110 mm (4" Dia) diameter.</p> <p>b 150 mm (6" Dia) diameter.</p> <p>Note: This item includes removal of existing pipe lines</p>	100.0 70.0	Rft. Rft.	400 700	40 000 49 000
11	<p><u>Supply and fix Indian type Squatting Pan of approved quality.</u></p> <p>Supply and fix Indian type Squatting Pan of Master or approved quality in white or coloured of vitreous chine, size shall be 585 x 435 x 300mm with P-Trap 4" dia (Pak Arab) , hung type flushing cistern of local aproved quality including all necessary fitting for connection with inlet and outlet pipes, Tee stop cock etc., of Master (Code: 076-CP) complete in all respect as per specifications and as directed by Engineer.</p> <p>Note: This item includes removal of existing Squatting Pan</p>	1.0	No.	14000	14 000

M.HARIS QURESHI
External Member - PC
Procurement Specialist - HEJ
University of Karachi

DR. SHAHID MIR
Chairman - PC
Assistant Professor - Management
IBA Karachi

Syed Akbar Hussain Kazmi
Member - PC
Manager Finance (Payable)
IBA Karachi



SAFI UR RAHMAN KHAN
External Member
Staff Officer/S.E. Chief Engr.
(South)'s Office, Pak. PWD, Karachi

GLAXY ENTERPRISES

SYED WAJEEH ZAIDI
Member - PC
Sr. Manager IT
IBA Karachi

12	<p><u>Providing and fixing Wash Basin with Pedestal</u> Supply and fix wash basin of Master or approved equivalent, in white or coloured with pedestal of vitreous china size of basin shall be 505mm x 515 mm including all internal fitting with connection pipes concealed stop cocks, CP basin mixer (Code: 472-CP), waste pipe etc., of Master brand or equivalent approved by the Engineer, complete in all respect as per drawing and specifications.</p>	3.0	No.	18000	54000
13	<p><u>Supply and fix one piece commode of approved quality.</u> Supply and fix one piece toilet Commode of Master or local approved quality, in white or coloured with "P or S" trap of vitreous china, size shall be 741 x 438 x 637 mm with symphonic flushing mechanism and seat cover with hydraulic including all internal fittings with connection pipes, Tee stop cock etc. of master (Code: 076-CP) complete in all respect as per drawing and specifications.</p>	2.0	No.	22000	44000
14	<p><u>Supply, fix muslim shower complete with PVC flexible pipe & Double Bib Cock</u> Supply and fix muslim shower complete with PVC flexible pipe (size:12mm dia), and double Bib Cock of matching knobs, of Master (Code:2015,078-CP), complete in all respect as per drawing and as directed by the Engineer.</p>	2.0	No.	7000	14000

DR. SHAHIMIR
Chairman - PC
Assistant Professor - Management
IBA Karachi

Syed Akbar Hussain Kazmi
Member - PC
Manager Finance (Payable)
IBA Karachi

GLAXY ENTERPRISES

SAFI UR RAHMAN KHAN
External Member
Staff Officer/S.E. Chief Engr.
(S.E.)'s Office, Pak. PWD, Karachi

SYED WAJEEH ZADI
Member - PC
Sr. Manager
IBA Karachi



Stamp & Signature

15	Providing and fixing Stainless Steel Floor Trap Supply and fix in position Stainless Steel Floor Trap with top tile & strainer of Master, Dadex - Nikasi or equivalent, floor trap shall be connected to a waste stack with bend, complete in all respect as per specification.	4.0	No.	800	3200
16	Providing and fixing Chrome Plated Bib Cocks Supply and fix following chrome plated Bib Cocks / Stop, Cocks 12 mm dia. of Master with matching knobs, complete in all respect, as per drawing and specification.				
a	Bib Cock. (90 Degree, item code - 004)	1.0	No.	3500	3500
17	Bathroom Accessories. Supply and fix following bathroom accessories in chrome plated of Master or equivalent approved, complete in all respect as per specification.				
a	Towel Rod with Brackets.				
b	Toilet Paper Holder.				
c	Soap Dish.	3.0	Job	4500	13500
d	Double Hook & Towel Ring.				
e	Looking Mirror				
f	Tooth Brush Holder with Glass & Cover.				

DR. SHAHID MIR
Chairman - PC
Assistant Professor - Management
IBA Karachi

Syed Akbar Hussain Kazmi
Member - PC
Manager Finance (Payable)
IBA Karachi

SYED WAJEED ZAIDI
Member - PC
Sr. Manager IT
IBA Karachi

M. HARIS QURESHI
External Member - PC
Procurement Specialist - HEJ
University of Karachi

SAFI UR RAHMAN KHAN
External Member
Staff Officer/S.E. Chief Engr.
(South)'s Office, Pak. PWD, Karachi

GLAXY ENTERPRISES



18	<p><u>Wooden Panel Door</u> Providing, fabricating & fixing in position in given sizes, semi solid block board door shutter 1-1/2" thick including 1/8" thick commercial ply on both sides, including 1/2" thick deodar wood lipping all around, shutter to be fixed with 18 gauge pressed steel frame & hardware of approved quality/make such as hinges, bolts, latches, Al-drops, handle etc including stainless steel kick & push plates on both sides. Complete in all respect as per specification and as directed by the Engineer Incharge.</p> <p><i>Note: This item includes the cost of removal of existing doors & cost of filling with cement and slurry ratio of 1:6 and repairing the jambs.</i></p>	11.0	No.	14000	154000
19	<p><u>Wooden Panel Windows</u> Providing, fabricating & fixing in position in given sizes, partial wood windows shutter 1-1/2" thick, including 1" thick deodar wood lipping all around, with fixing of 5mm thick Glass of Ghani or approved quality, & hardware of approved quality/make such as hinges, bolts, latches, Al-drops, handle etc. Complete in all respect as per specification and as directed by the Engineer Incharge.</p> <p><i>Note: This item includes the cost of removal of existing Windows & cost of filling with cement and slurry ratio of 1:6 and repairing the jambs.</i></p>	1.0	No.	8000	8000

M. HAFIZ QURESHI
 External Member - PC
 Procurement Committee - HEJ
 University of Karachi

DR. SHAHID MIR
 Chairman - PC
 Assistant Professor - Management
 IBA Karachi

Syed Akbar Hussain Kazmi
 Member - PC
 Manager Finance (Payable)
 IBA Karachi

SYED WAJEED ZAIDI
 Member - PC
 Sr. Manager IT
 IBA Karachi

SAFI UR RAHMAN
 External Member
 Staff Officer S.E. Chief Engr.
 (South)'s Office, Pak. PWD, Karachi

GLAXY ENTERPRISES



Stamp & Signature

20	<u>Distemping and Painting</u>				
20.1	Distemping two renewal coats of vinyl distemper (Paintex ICI Dulux) or equivalent of approved make and shade to walls and ceiling etc. , including scraping, filling with plaster of paris and cleaning the old surface in any floor complete in all respect as directed by Engineer Incharge.				
a	On Ceiling	1,750.0	Sft.	16	28000
20.2	Repainting two (2) coats of Plastic Emulsion paint (ICI) Dulux make and shade to walls & ceiling, besides the two coats of paints, prior to application all surface generally must be clean, dry, free from all defective or poorly adhering material, dirt, and grease etc, complete in all respect as per specification.				
a	On Wall	4,200.0	Sft.	26	109200
20.3	Repainting two coats with enamel paint (Robialac) or equivalent of approved make and shade to Metal & wood work including cleaning and sand papering the surface as directed by the Engineer-in-charge.				
a	On Metal Doors/ Windows & Ventilator	100.0	Sft.	25	2500
b	On Flush Doors & Windows	1,050.0	Sft.	25	26250
20.4	Repainting two coats with weather shield paint of (ICI) Dulux or equivalent make and shade on plaster surface (External) including cleaning, sand papering the surface as directed by the Engineer-in-charge.	3,600.0	Sft.	28	100800
20.5	Applying two coats with synthetic red oxide primer of ICI, Berger or equivalent make including scrapping and sand papering the surface as directed by the Engineer Incharge.	100.0	Sft.	9	900

M. HARIS QURESHI
External Member - PC
Procurement Specialist - HEJ
University of Karachi

DR. SHAHID MIR
Chairman - PC
Assistant Professor
IBA Karachi

Syed Akbar Hussain Kammi
Member - PC
Manager Finance (Payable)
IBA Karachi

SAFI UR RAHMAN KHAN
External Member
Staff Officer/S.E. Chief Engr.
(South)'s Office, Pak. PWD, Karachi

GLAXY ENTERPRISES

SYED WAJEEH ZAIDI
Member - PC
Sr. Manager IT
IBA Karachi

Stamp & Signature

21	<p><u>Metal Doors and Frames.</u> <u>Hinged Doors.</u> Supply and fix in position steel hinged shutter door as specified of 16 gauge M.S. sheet, framing of door shall be made by 50mm x 50mm x 6mm angle iron and frame for shutter from 50mm x 50mm x 6mm angle iron with properly braced by 40x6mm Tee (Horizontally / Vertically) including the cost of hinges, holdfast and relevant hardware items with all necessary arrangement to furnishing and installation, complete in all respect as per drawing and specifications.</p>				
a	With Single / Double Shutter Door.	150.0	Kg	340	51000
22	<p><u>Repair and maintenance of all existing doors / windows/ Ventilators</u> Repair and maintenance of all existing doors / windows/ Ventilators and including Mosquito Net , providing and fixing of hinges , tower bolts, Cabinet/Door lock & Handles/ Door Locks of Khas or equivalent etc. as per site requirement or as directed by Engineer Incharge.</p>				
a	Doors	2.0	No.	3000	6000
b	Windows	7.0	No.	2500	17500
23	<p><u>Providing and Fixing 4 mm thick Glass</u> Providing and fixing 4 mm thick glass in existing windows, ventilator etc. of (Ghani or equivalent) as per size and pattern, complete in all respect as instructed by Engineer Incharge.</p>	200.0	Sft.	220	44000

M. HARIS QURESHI
External Member - PC
Procurement Specialist - HOD
University of Karachi

Syed Akbar Hussain Kazmi
Member - PC
Manager Finance (Payable)
IBA Karachi

DR. SHAHID MIR
Chairman - PC
Assistant Professor - Management
IBA Karachi

SAFI UR RAHMAN KHAN
External Member
Staff Officer/S.E. Chief Engr.
(South)'s Office, Pak. PWD, Karachi

GLAXY ENTERPRISES

SYED WAJEEH ZAIDI
Member - PC
Sr. Manager IT
IBA Karachi



Stamp & Signature

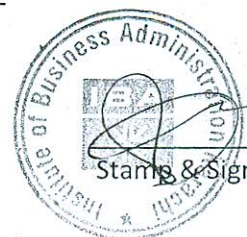
24	Marble Tile. Supply and lay 300 x 600 x 12 mm thick, marble tiles as specified of approved sample over a bed of 40mm thick cement - sand mortar base in (1:4). This includes grinding, polishing, filling and grouting the joints with white cement and matching pigment complete in all respect as per drawing, specifications and as directed by the Engineer Incharge. <u>China Verona</u> On Floor.	1,050.0	Sft.	220	231000
25	Marble Skirting. Supply and lay 12mm thick, marble tiles as specified of approved sample over a rough plaster in (1:4). This includes filling and grouting the joints with white cement and matching pigment complete in all respect as per drawing, specifications and as directed by the Engineer Incharge. <u>China Verona</u> Skirting 100mm high.	280.0	Rft.	100	28000
26	Garden Tiles (300 mm x 300 mm) Supply and lay 300 mm x 300 mm Garden tiles alongside the boundary wall & pathway as specified of approved sample over a bed of 40mm thick cement - sand mortar base in (1:4). This includes filling and grouting the joints with cement and matching pigment complete in all respect as per drawing, specifications and as directed by the Engineer Incharge.	120.0	Rft	60	7200
Total Amount				1547100	
SST				34964.46	
Grand Total Amount with All Taxes				1748223 / =	

Grand Total Amount Rupees in Words: Rs. _____

DR. SHARID MIR
Chairman - PC
Assistant Professor - Management
IBA Karachi

Syed Akbar Hussain Kazmi
Member - PC
Manager Finance (Payable)
IBA Karachi

SYED WAJEEH ZAIDI
Member - PC
Sr. Manager IT
IBA Karachi



Stamp & Signature

SAFI UR RAHMAN KHAN
External Member
Staff Officer - E. Chief Engr.
(South)'s Office, Pak. PWD, Karachi

GLAXY ENTERPRISES

Additional Note:

- I. Material / quantities of this order is subject to final inspection at the time of delivery and calculations by IBA Maintenance / Project Department.
- II. IBA reserve the right to cancel any or all the above items if work / material is not in accordance with our specifications or if the delivery is delayed / job is not completed.
- III. Competent Authority reserves the right to change / alter / remove any item or article reduce / enhance quantity.
- IV. No subletting in any case / items / form will be allowed.
- V. That upon termination of this agreement the contractor shall be permitted to remove all its devices and equipment which may have been placed at premises from the time to time.
- VI. All equipment, ladders / scaffoldings / platforms for any heights, plungers, brushes, application Rollers, buckets etc. will be brought by the vendors.
- VII. The vendor will be responsible for taking all safety measures during working of his staff at any height / surfaces.
- VIII. All surfaces where work was carried out required to be cleaned from stains through related equipment / tools / materials etc.



Stamp & Signature