

SCHEDULE – A TO BID

SCOPE OF WORK**Renovation of Ground Floor NBP Building at Main Campus****SUMMARY OF COST FOR REHABILITATION OF GROUND FLOOR NBP BUILDING**

S #	Description	Unit	Quantity	Rate	Amount
			A	B	C=AxB

(A) CIVIL WORKS**SCHEDULE RATE ITEMS BASED ON CSR (SINDH) 2012**

1	<u>Hollow Block Masonry</u>				
	Precast cement concrete hollow blocks (1:2:4) including cost of templates and constructing walls there of. (Refer Item No. 10 Page No. 17 Chapter No. 4)	P.Cft	337.61	126.81	42,812.32
2	<u>Plaster</u>				
a	<u>Internal Plaster</u>				
	Cement plaster 1:6 upto 12' upto 20 ft height. Refer Item No. 13 Page No. 47 b) 1/2" Thick	%Sft	675.22	2,206.60	14,899.40
3	<u>Floor Tile</u>				
	Laying floor of approved with glazed tiles 1/4" thick in white cement 1:2 over 3/4" thick cement mortar 1:2 complete Refer Item No. 24 Page No. 43 Chapter No. 8	%Sft	3,328.00	27,678.86	921,152.46
4	<u>Dado Skirting</u>				

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	Laying glazed tiles 1/4" thick dado of approved color & size jointing in white cement and laid over 1:2 cement sand mortar 3/4" thick including grouting with matching color and finishing. Refer Item No. 38 Page No. 45 Chapter No. 8	%Sft	255.56	28,299.30	72,320.43
6	Doors Shutters				
	Wooden Door				
	Providing and fixing in position doors, windows and ventilators of first class deodar wood frames, and 1-1/2" thick Teak wood ply shutters of first class deodar wood skeleton (Solid) styles and rails core of partal wood and Teak ply wood (3 ply) on both 54 sides including hold fasts, hinges, iron tower bolts, handles and cleats with cord etc, complete Refer Item No. 51 Page No. 51 Chapter No. 10	Sft	96.00	1,245.96	119,612.16
7	Aluminum Windows				
	Supplying & fixing in position Aluminum channels framing for sliding windows & ventilators of made with 5 mm thick tinted glass glazing (Belgium) etc.Complete. b) Deluxe model (Bronze) Refer Item No. 84 Page No. 108 Chapter No. 18	Sft	116.70	1,647.98	192,319.27
8	Paint				
	Internal Wall				
	Preparing the surface and painting with matt finish I/c 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. Refer Item No. 36-A Page no. 55	%Sft	2,695.25	3,444.38	92,834.74
9	Paint on Wooden Surface				



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	preparing surface and painting of doors and windows any type (including edges).				
i)	Priming coat	% Sft	192.00	862.95	1,656.86
ii)	Each subsequent coat of paint	% Sft	192.00	626.73	1,203.32
TOTAL AMOUNT OF SCHEDULE BASED ITEMS (A)				PKR	1,458,810.97
Contractor's Premium @ %				Add 28%	Add 408467/-
Total Amount with Premium in Rs. (A)					1867278.04
B	ADDENDUM & CORRIGENDUM NO. 2 (SCH. OF RATES (MATERIALS), VOL-III, PART-III, 6TH EDITION-2011 PUBLICATION No. 48				
1	Cement				
	Cement Ordinary Portland	Bag	75.00	325.00	24,375
2	Wood				
	Wood (Deodar) 1st Class	P. Cft	12.00	5,500	66,000
TOTAL AMOUNT OF ADDENDUM & CORRIGENDUM (CIVIL WORKS) (B)				PKR	90,375.00

(C) NON-SCHEDULE RATE ITEMS (BASED ON PREVAILING MARKET RATE)

			Quantity	Rate	Amount
1	Dismantling				
a	Wall				
	Dismantling / cutting / removal of existing block masonry, plaster on walls including wall chipping & removal of debris outside premises and handing over re-usable material like Camode, flush tank, Wash Basin etc. to Engineer Incharge, complete in all respect as per site requirements.	Sft	2,002.12	22/-	44046.60
b	Floor				

	Dismantling / cutting / removal of existing tiles on floor & floor chipping & removal of debris outside premises and handing over re-usable material like Camode, flush tank, Wash Basin etc. to Engineer Incharge, complete in all respect as per site requirements.	Sft	2,746.46	18/-	49436.30/-
2	Cement Board partition				
	Providing & fixing 100 mm thk Cement board partition of Envicrete Brand - constructed using Aluminium metal stud as framework @ 610mm c/c and fixed with two layers of 12.5mm tapered edge Cement board Sheet on each side of the aluminium Framework, using dry wall screws, jointed and finished with requisite filler, paper tape, finisher and primer suitable for Cement boards. Partition to have glass wool insulation of density 48 kg/cum wrapped neatly in bags as per approval. The outer skin shall be finished with 2/3 coats of acrylic emulsion paint with approved primer, all as per approval. All components to be of Envicrete Brand.	Sft	476.95	1450/-	691578/-
3	External Plaster (Color-Crete)				
	Colour-creting 1/4" (6.4 mm) thick 1:1:2 (1 white cement mixed with pigment, 1 marble powder and 2 marble chips zero No.) in required shade including dragging the surface with wire brushes complete with curing etc. over a base of 3/4" (19 mm) thick cement plaster 1:3 in plinth, mezzanine and ground floor Including the cost of base course as directed complete but excluding the cost of grooves or joints if provided.	Sft	921.20	120/-	110544/-
4	Full Glazed Partition				

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 Contracting Engineers

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	Supply, fabrication and erect in final position of internal glass partition wall, frames made by D-48, Champagne anodized aluminium section manufactured by Lucky, Prime, Chawla, Krudson and Pakistan Cables, with 12mm ultra clear single tempered glass, frosted paper including U-channels and all relevant imported hardware and all necessary arrangement to furnishing and installation complete in all respect as per drawing and as directed by the Engineer.	Sft	200.38	1500/-	300570/-
5	Glass Door				
	Providing, fabricating, and fixing in position glass door openable Single paneled with 12mm thick tempered glass with safety film gasket, frosted paper, locks, handle, sealant, and all accessories including floor mounted hinge of new star or equivalent, complete in all respect as per instruction of the Engineer.	Sft	91.00	1600/-	145600/-
6	Gypsum False Ceiling				
	Supply and lay pvc laminated Gypsum ceiling tiles of DFB or equivalent of square edge, size 600 x 600 x 9mm thick in approved surface designs and textures, laid into a exposed 170 Sft T-Bar metal system frame work suspended from the structural ceiling, complete in all respect as per drawing and specifications.	Sft	3,300.00	130/-	429000/-
TOTAL AMOUNT OF NON-SCHEDULE BASED ITEMS (C)			PKR	17,70,774/-	
(D) PLUMBING WORKS					
NON-SCHEDULE RATE ITEMS (BASED ON PREVAILING MARKET RATE)					
1	uPVC Drain piping				



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	Supply and lay UPVC pipes of Pak Arab/ Steelex (SDR-41) or equivalent, Nikasi for soil, waste and vent system including specials such as P-Trap, 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.				
a)	3" Dia	Rft	25.00	230/-	5750/-
b)	4" Dia	Rft	25.00	295/-	7375/-
2	Water Distribution PPRC Pipes				
	Supply and lay PPRC pipes of PipePlus, Minhas, ILL or approved equivalent for hot and cold water distribution at any height system including specials such as tees, bends, elbows, unions, plugs, reducer etc. with heat fusion jointing method including cutting holes in masonry or concrete in wall, floor, and slab chiseling wall and floor and making good the same, complete in all respect as per drawing, specification and as of directed by Engineer-in-Charge.				
	Nominal internal diameter shall be as follows:				
a)	20mm (3/4") Dia	Rft	25.00	175/-	4375/-
3	Supply and fix one piece commode of approved quality.				
	Supply and fix one piece toilet Commode of Porta or equivalent, 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 1.0 No. 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.	Each	2.00	47000/-	94000/-
4	Supply and fix Over Counter Wash basin				

	Supply and fix wash basin of Parta or approved equivalent, in white or approved colour with over Counter Vanity shall be 610mmx500mm including all internal fitting with connection pipes concealed Tee cocks, Pure Brass Bottle Trap, CP basin mixer, waste pipe etc., of Master brand or approved equivalent by Engineer-in-charge, complete in all respect.	Each	2.00	27000/-	54000/-
5	Supply, fix muslim shower complete with PVC flexible pipe, Double Bib Cock				
	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) or equivalent, 1.0 No. complete in all respect as per drawing and as directed by the Engineer.	Each	2.00	9500/-	19000/-
6	Providing and fixing Stainless Steel Floor Trap				
	Supply and fix in position Stainless Steel Floor Trap with top tile & strainer of local approved - Nikasi or equivalent, floor trap shall be connected to a waste stack with bend, complete in all respect as per specification.	Each	4.00	1000/-	4000/-
7	Bathroom Accessories.				
	Supply and fix following bathroom accessories in chrome plated of Master or equivalent approved, complete in all respect as per specification.				
a)	Toilet Paper Holder	Each	2.00	5000/-	10,000/-
8	Mirror at Wash Basin Area				
	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 foxed with 30x6mm thick Imported (European) SS Clip, fix on wall including wastage, fixing and accessories etc. complete in all respect as per drawing, specifications and as instructed by the engineer.	Sft	20.00	900/-	18000/-

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TOTAL AMOUNT OF PLUMBING ITEMS (D)	PKR	216,500/-
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B.O.Q Item	Description	Unit	Quantity	Rate	Amount
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SECTION-E
SUPPLY, INSTALLATION, TESTING & COMMISSIONING
WIRING ACCESSORIES ETC.
Make - Ref. List of approved Manufacturers

1	Wiring of light circuit from DB to switch, between switches or first light point / directly controlled from DB with single core PVC insulated 2 x 1C - 2.5 sq.mm + 1 x 2.5 sq.mm wires in 25 mm dia PVC conduit complete in all respect.	Nos	4.00	6200/-	24800/-
2	Wiring from switch to first light point with 2 x 1C - 1.5 sq.mm + 1 x 1.5 sq.mm wires in 25 mm dia PVC conduit complete in all respect.	Nos	13.00	1600/-	20800/-
3	Same as above but from point to point.	Nos	63.00	1600/-	100,800/-
4	Wiring of power circuit from DB to first power socket with 2 x 1C-4 sq.mm + 1x 4 Sq.mm PVC wires in 25 mm dia PVC conduit complete in all respect. Normal & UPS	Nos	7.00	9000/-	63000/-
5	Wiring of power circuit from outlet to outlet power socket with 2 x 1C-2.5 sq.mm + 1x 2.5 Sq.mm PVC wires in 25 mm dia PVC conduit complete in all respect. Normal & UPS	Nos	170.00	1900/-	323000/-
6	Wiring of power circuit from DB to AC - Isolator point and outdoor with 2 x 1C-4 sq.mm + 1x 4 Sq.mm PVC wires in 25 mm dia PVC conduit complete in all respect.	Nos	4.00	8500/-	34000/-
7	Wiring of power circuit from DB to AC - Isolator point and outdoor with 4C-6 sq.mm + 6 Sq.mm PVC	Nos	5.00	13000/-	65000/-

	wires in 25 mm dia PVC conduit complete in all respect.				
	TOTAL AMOUNT OF NON - SCHEDULED BASED ITEM (E)		PKR		631400/-
SECTION-F					
SUPPLY, INSTALLATION, TESTING & COMMISSIONING SWITCHES, SOCKETS, OUTLET & ACCESSORIES					
Make - Ref. List of approved Manufacturers					
1(a)	Following Switches etc. complete in all respect.				
a	2 - Gang . (1-way)	Nos	4.00	900/-	3600/-
b	4 - Gang . (1-way)	Nos	13.00	1300/-	16900/-
1(b)	Following Switches etc. complete in all respect.				
a	13A International Switch socket outlet	Nos	19.00	600/-	11400/-
b	13A Simplex type - Flat Pin	Nos	170.00	1000/-	170000/-
c	13A Duplex type - Flat Pin	Nos	12.00	1000/-	12000/-
d	13A Isolator switch for A.C	Nos	6.00	5000/-	30000/-
e	3 Phase 32A Isolator switch for Stand Floor A.C	Nos	5.00	8000/-	40,000/-
1(c)	Following sizes M.S Back box for switches and sockets				
a	3x3 M.S Back Box	Nos	43.00	1000/-	43000/-
2	Pull box as per drawing/requirement with M.S powder coated paint (With Cover)				
a	Technology Box	Nos	36.00	9000/-	324000/-
b	4"x4"	Nos	2.00	3000/-	6000/-
	TOTAL AMOUNT OF NON - SCHEDULED BASED ITEM (F)		PKR		656900/-
SECTION-G					
SUPPLY, INSTALLATION, TESTING & COMMISSIONING LIGHT FIXTURES & FANS					
Make - Ref. List of approved Manufacturers					

1	Following LED light fixtures complete in all respect.				
a	LED 600mmx600mm Panel light - 6500K - min. 36watt	Nos	40.00	9000/-	360,000/-
b	LED Down Light Round Ceiling Type - 6500K - min.12watt	Nos	12.00	1800/-	21600/-
c	LED Exit Lights -Battery maintained with 2 hours battery backup.	Nos	2.00	9000/-	18000/-
2	Following Fans with complete accessories and hanging arrangements etc. complete in all respect.				
a	600mmx600mm Ceiling Fan	Nos	40.00	12500/-	500,000/-
TOTAL AMOUNT OF NON - SCHEDULED BASED ITEM (G)			PKR	899,600/-	

SECTION - H
SUPPLY, INSTALLATION, TESTING & COMMISSIONING
WIRING & ACCESSORIES FOR DATA & WiFi system
 Make Ref. List of approved Manufacturers

1	Supply, installation, Testing and Commissioning of following including flexible conduits from points to device complete in all respects as per drawings / specs.				
a	RJ-45 including I/O with face plate (Simplex) accessories complete in all respect.	Nos	117.00	1000/-	117000/-
b	RJ-45 including I/O with face plate (Duplex) accessories complete in all respect.	Nos	5.00	2000/-	10,000/-
c	Cat-6 UTP cable in 25mm dia pvc conduit from each outlet to existing Data rack..	Nos	122.00	1550/-	189100/-
d	Cat-6 UTP cable in 25mm dia pvc conduit from each Wi-Fi Point to existing Data rack.	Nos	10.00	1550/-	15500/-
e	Cat-6 UTP cable in 25mm dia pvc conduit from each Multimedia Point to existing Data rack.	Nos	5.00	1550/-	7750/-
TOTAL AMOUNT OF NON - SCHEDULED BASED ITEM (H)			PKR	339350/-	



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SECTION – (I)
SUPPLY, INSTALLATION, TESTING & COMMISSIONING
AIRCONDITIONING SYSTEM
Make - Ref. List of approved Manufacturers

1	Supply, Installation, Testing and Commissioning of Floor Standing Air Conditioning units, including unloading, lifting, placing and Supply, Installation, Testing & Commissioning of the supporting arrangements for outdoor units in the external area with proper coating of paints to prevent rusting due environment conditions fixing as per site including Gas charging (if required) complete in all respect.				
a	4.0 TR- Stand Floor Unit	Nos	3.00	430,000/-	1290000/-
2	Supply and Installation of Split AC Refregerent Copper Piping & Fittings.				
a	Dia 3/8" & 5/8" (50Feet=1 Coil)	Nos	3.00	12000/-	36000/-
3	Following sizes of Core Cutting complete in all respect.				
a	Core Cutting 4" Dia	Nos	1.00	4500/-	4500/-
4	Supply, installation, Testing and commissioning of uPVC including all accessories as per site condition.				
a	25mm dia uPVC conduit.	Rm	30.00	220/-	6600/-
b	20mm dia uPVC Conduit	Rm	25.00	220/-	5500/-
TOTAL AMOUNT OF NON - SCHEDULED BASED ITEM (I)			PKR	1342600/-	
TOTAL AMOUNT OF ELECTRICAL WORKS (I)			PKR	-	
Gross Amount of A+B+C+D+E+F+G+H+I without SST			PKR	7814777/-	
Add 13% SRB On Gross Amount			PKR	10,15,921/-	
Grand Total (A+B+C+D+E+F+G+H+I) with SST			PKR	8830698/-	

Grand Total Amount of A+B+C+D+E+F+G+H+I in Words:

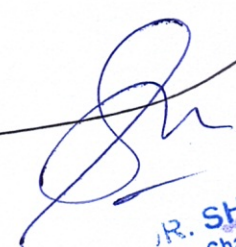
Rupees: Eight million Eight hundred thirty Thousand
Six hundred & Ninty Eight Rupees Only

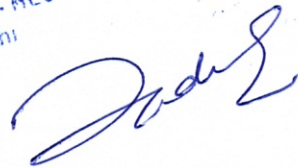




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