liversity Engineer



Phone: 9261366 9261300-6

Ext: 2247

Engineering Department
University of Karachi
Karachi-75270

CORRIGENDUM

Date of Opening

22-01-2014

Time of Opening:-

02:30 P.M..

Place of Opening-

Office of Director Finance, University of Karachi.

Tender # 01

Works

Proposed Construction of R.C.C Structure to remove present asbestos sheet's damage area at BCC & T Press, and Construction of boundary wall 10° high, providing & fixing Main Entrance gates 10' High at BCC & T Press Building, University of Karachi.

S. #.	ITEMS OF WORK.	QTY.	RATE.	UNIT.	AMOUNT
)L	Excavation for foundation trenches and drains in all kinds of soil and back filling the excavated material in foundation, plinth or under floor including breaking clods, watering, consolidation by ramming in layers not exceeding 9" in depth to full compaction, dressing and disposal of surplus excavated stuff as directed, lead up to one chain and lift up to 5" 1. Soft soil. 2. Hard Rock.	641,50° 641,50°		Cñ. Cñ.	
02	Dismantling cement concrete block masonry work I cement mortar in any floor including stacking salvaged material (serviceable) and disposing of surplus material as directed with in three chains.	200'		Cn.	
03.	Dismantling A.C. Corrugated sheet roofing in ground floor including stacking salvaged material (serviceable) and disposing of unserviceable material as directed by engineer in-charge. Providing and laying 1:4:8 (1 cement 4 sand and 8	9001		Sn.	
071.	coarse aggregate) coment concrete using graded stone ballast 2" and down gauge in foundation including leveling, compacting and curing etc. complete.	200		Cft.	*
05.	Providing & laying in Situ 1:2:4 (1 cement 2 sand and 4 coarse aggregate) cement concrete using crush graded boulders ¾" and down gauge in foundation, basement and plinth including form work, compacting, curing and removal of form work etc. complete, foundation and basement up to 5" depth and plinth up to 4" height from ground level.	200*		Cñ.	
06.	Dismantling R.C.C including separating reinforcement from concrete in any floor including stacking at site and disposing of unserviceable material within three chains.	100°		Cft.	
07.	Providing and laying with mechanical mixing machine reinforced cement concrete using screened graced bajri ½" and down gauge having a minimum works cube crushing strength 2250 lbs. per squinch at 28 days with a mix not leaner than 1:2:4 n ordinary slab 5" to 6" thick including form work and its removal compacting with vibrator and curing etc. complete but excluding the cost of reinforcement, in any floor complete.	1400°		Cft.	
08.	Providing and laying cold worked ribbed deformed steel reinforcement bars with minimum yield stress of 60,000 psi make with and including the cost of straightening, cutting, bending, binding,				

Ref. No. 1170

Temder

Engineering Department
University of Karachi
Karachi-75270

CORRIGENDUM

Date of Opening:-

22-01-2014

Time of Opening:-

02:30 P.M..

binding wire etc. cost of chairs and wires etc. Complete in all kinds of RCC work at any height.

Place of Opening:-

Office of Director Finance, University of Karachi.

Tender # 01

Work:-

Proposed Construction of R.C.C Structure to remove present asbestos sheet's damage area at BCC & T Press, and Construction of boundary wall 10' high, providing & fixing Main Entrance gates 10' High at BCC & T Press Building.

	University of Karachi.			XX	P-01
#.	ITEMS OF WORK.	QTY.	RATE.	UNIT.	AMOUNT
	Excavation for foundation trenches and drains in all kinds of soil and back filling the excavated material in foundation, plinth or under floor including breaking clods, watering, consolidation by ramming in layers not exceeding 9" in depth to full compaction, dressing and disposal of surplus				
	excavated stuff as directed, lead up to one chain and lift up to 5' 1. Soft soil. 2. Hard Rock.	641.50° 641.50°		Cft.	
	Dismantling cement concrete block masonry work I cement mortar in any floor including stacking salvaged material (serviceable) and disposing of surplus material as directed with in three chains.	2001		Cit.	
S.	Dismantling A.C. Corrugated sheet roofing in ground floor including stacking salvaged material (serviceable) and disposing of unserviceable material as directed by engineer in-charge.	900'		Sit.	
	Providing and laying 1:4:8 (1 coment 4 sand and 8 coarse aggregate) coment concrete using graded stone ballast 2" and down gauge in foundation including leveling, compacting and curing etc. complete.	200		Cft.	
Š.	Providing & laying in Situ 1:2:4 (1 cement 2 sand and 4 coarse aggregate) cement concrete using crush graded boulders ¾" and down gauge in foundation, basement and plinth including form				
	work, compacting, curing and removal of form work etc. complete, foundation and basement up to 5' depth and plinth up to 4' height from ground level.	200°		Cft.	
6.	Dismantling R.C.C including separating reinforcement from concrete in any floor including stacking at site and disposing of unserviceable material within three chains.	100'		Cft.	**
7.	Providing and laying with mechanical mixing machine reinforced cement concrete using screened graded bajir 34" and down gauge having a mamman works cohe crushing strength 2250 ibs, per squinch at 28 days with a mix not leaner than 1:2:4 n ordinary slab 5" to 6" thick including form work and its removal compacting with vibrator and curing etc. complete but excluding the cost of reinforcement, in any floor complete.	1400*		Cft.	
8.	Providing and laying cold worked ribbed deformed steel reinforcement bars with minimum yield stress of 60,000 psi make with and including the cost of straightening, cutting, bending, binding, wastage, and such overlaps as are not shown over the drawings, placing in position on cement concrete 1.2:4, precast of M.s. chair tying with binding using one cost of chairs and wires site.				

3100

KG

41.6	
7/12	
6.50	
1	
1	
CONTRACT.	

S.#.	ITEMS OF WORK	QTY.	RATE.	UNIT.	AMOUNT
		Q. F. C.	NATE.	CATE	20000000
(59),	Providing and laying 1:3:6 cement concrete solid block masonry 4" to 6" thick using graded screened				
	bajri %" and down gauge set in coment mortar 1:1:6 including scaffolding, raking out joints and curing etc.				
	complete in any floor superstructure.	2605		Cñ.	
0.	3/4" thick cement plaster 1:6 on walls, eciling and				
	columns etc in any floor including making edges, corners, and curing etc. complete internal & external			la med	
	surface of room	24501		Sft.	
H	Providing and fixing hot dipped galvanized fully				
	glazed with 5mm thick glass, single leaf hung steel window and ventilators made to critical or				
	equivalent standard and of approved section including				
	using approved brass section oxidized fittings, iron lugs, cutting holes and making good damages to walls				
	etc. complete as required in any floor.	65*-		Sñ.	
2.	Providing and fixing iron grills with required				
	section of 3/8" sq. bar iron as per approved design including welding all sides of the section at the				
	junction, and fixing with sunk iron screws, painting				
	two coats of enamel paint of (ICI) or equivalent make			1	
	over a single coat of red oxide paint (ICI) or equivalent make etc. complete as required in any floor				
	in masonry or concrete work.	65*		Sñ.	
3	Providing and laying with mechanical mixing				
	machine 3" thick C.C. Screeding / floor 1:2:4 using graded screened bajri of ½" and down gauge in any				
	floor's roof slab mixed with pudlo water proofing				
	agent a lbs each cement bag including				
	consolidation, finishing, chamfer the corners and curing etc. complete. Including the cost of water				
	proofing agent.	900'		Sft.	
	Oil bound distempering with distemper of	1			
-4	approved make and shade in three coats including scraping, sand papering, dasting, and filling the holes.				
	cracks and inequalities, if any at any height in any				
5	floor (ICI Paintex) or equivalent make.	2450*		Sft	
5.	Painting iron/wood work with ready mixed paint of approved make and shade two coats complete at				*
	any height in any floor (ICI) or equivalent make.	260		Sft.	1
6,	Providing and making temporary M.S pipe				
	scaffolding tadder approved quality as directed by engineer in charge, for supervision / monitoring of				
	work as required at site.	1		L.S	
7	BOUNDARY WALL				
7.	Excavation for foundation trenches and drains in all kinds of soil and back filling the excavated material in				
	foundation, plinth or under floor including breaking			22	
	clods, watering, consolidation by ramming in layers				
	not exceeding 9" in depth to full compaction, dressing and disposal of surplus excavated stuff as directed,				
	lead up to one chain and lift up to 5'(2650' cft)	200000000		T. Serox	
	Soft soil. Hard Rock.	38301		Cfi	
ç	Leveling and dressing the ground by cutting and	1642'		Cfi	
	filling earth up to 6" in depth including consolidating	200000			
).	and watering, complete as required at site. Cleaning jungle (dense) by cutting, removing all	2980		SFT.	
5/0	shrubs, trees, up to 6" girth etc. and taking out their				
	entire roots and filling the hollows with earth				
	complete with dressing, consolidating and watering				
	the filling including stacking the serviceable materials and disposal of useless materials as directed, lead up				
	to 10 chains, cost of earth included.	2980`		Sft	
20.	Bailing or pumping out sub-soil water during				
	excavation, concreting, cast in situ concrete or				

S. #.	ITEMS OF WORK.	QTY.	RATE.	UNIT.	AMOUNT
09.	Providing and laying 1:3:6 cement concrete solid				
20,000	block masonry 4" to 6" thick using graded screened				
	bajri ¼" and down gauge set in cement mortar 1:1:6			V	
	including scaffolding, raking out joints and curing etc.	G (5.500 etc.)		10000	
	complete in any floor superstructure.	260⁺		Cn.	
10.	3/4" thick cement plaster 1:6 on walls, ceiling and				
	columns etc in any floor including making edges,			1	
	corners, and curing etc. complete internal & external	0.4.501			
22	surface of room.	24501		Sft.	
11.	Providing and fixing hot dipped galvanized fully				
	glazed with 5mm thick glass, single leaf hung steel			61	AMOUNT
	window and ventilators made to critical or				
	equivalent standard and of approved section including using approved brass section oxidized fittings, iron			1	
	lugs, cutting holes and making good damages to walls				
	etc. complete as required in any floor.	65		Sñ.	
12.	Providing and fixing iron grills with required	00		3165	
109951	section of 3/8" sq. bar iron as per approved design				
	including welding all sides of the section at the				
	junction, and fixing with sunk iron screws, painting				
	two coats of enamel paint of (ICI) or equivalent make				
	over a single coat of red oxide paint (ICI) or				
	equivalent make etc. complete as required in any floor				
	in masonry or concrete work.	65"	A STATE OF THE PARTY OF THE PAR	Sn.	
13	Providing and laying with mechanical mixing				
	machine 3" thick C.C. Screeding / floor 1:2:4 using				
	graded screened bajri of 1/2" and down gauge in any				
	floor's roof slab mixed with pudlo water proofing				
	agent a lbs each cement bag including			4	
	consolidation, finishing, chamfer the corners and	V	<u></u>		
	curing etc. complete. Including the cost of water	0002		100	
	proofing agent.	900'		SII.	
1.1	Oil bound distempering with distemper of				
1-1	approved make and shade in three coats including scraping, sand papering, dusting, and filling the boles.				
	cracks and inequalities, if any at any height in any				
	floor (ICI Paintex) or equivalent make.	2450	ALC: NO.	Sit	
15.	Painting iron/wood work with ready mixed paint			1 20012	
5515	of approved make and shade two coats complete at				
	any height in any floor (ICI) or equivalent make.	260°		Sn.	
16	Providing and making temporary M.S pipe	100000 1		W-1000X	
	scaffolding ladder approved quality as directed by			1	
	engineer in-charge, for supervision / monitoring of			Sft. Sft.	
	work as required at site.	1		L.S	
	BOUNDARY WALL				
17.	Excavation for foundation trenches and drains in all				
	kinds of soil and back filling the excavated material in				Si Cara
	foundation, plinth or under floor including breaking			1	
	clods, watering, consolidation by ramming in layers				98
	not exceeding 9" in depth to full compaction, dressing				
	and disposal of surplus excavated stuff as directed,				l se
	lead up to one chain and lift up to 5'(2650' cft)	00000			
	1. Soft soil.	3830		Cfi	
5700	Z. Hard Rock.	1642		Cfl	
S	Leveling and dressing the ground by cutting and				
	filling earth up to 6" in depth including consolidating and watering, complete as required at site.	2000		eum.	
19.	Cleaning jungle (dense) by cutting, removing all	2980		SFT.	
1000	shrubs, trees, up to 6" girth etc. and taking out their				
	entire roots and filling the hollows with earth			1	
	complete with dressing, consolidating and watering	1 1		1	
	the filling including stacking the serviceable materials			1	
	and disposal of useless materials as directed, lead up	13		1	
	to 10 chains, cost of earth included.	2980		Sit	i A
20.	Bailing or pumping out sub-soil water during		11-11-11-11	1	
	excavation, concreting, east in situ concrete or				
	masonry work in foundation etc. (only three	100		1	
	operations to be allowed, trench volume under water	1 8			
	to be measured first time for excavation, second time	2736		Cft	
	for concreting, and third time for east in situ concrete	C 005		A 2000	
	or masonry work in foundation etc.			1	



	WEEKS OF WORK	QTY,	RATE	UNIT.	AMOUNT
5.#	Providing and laying 1:4:8 (1 cement 4 sand and 8	Q 1 1,	Kes 10.	W. 11.	7.007.002.00
1.	coarse aggregate) cement concrete using graded			18	Kalber .
	stone ballast 2" and down gauge in foundation		10	1 3733	
	including leveling, compacting and curing etc.			100	WART LANGE
	complete.	9501		Cn	
2.	Providing and laying with mechanical mixing			1	
	machine reinforced cement concrete using			1	THE WAR
	screened graded bajri ¼" and down gauge having a				
	minimum works cube crushing strength of 2250				
	lbs. per sq. inch at 28 days with a mix not leaner				
	than 1:2:4 in columns of square or rectangular shape of regular section including form work and				1
	its removal compacting with vibrator and curing				
	etc. complete but excluding the cost of				
	reinforcement, in any floor complete.				
	1. Plinth Beam & Footing.	1237		Cft	8 8
	2. Column in Superstructure.	530"		Cn	
3.	Providing and laying cold worked ribbed				
	deformed steel reinforcement bars with minimum				
	yield stress of 40,000 psi make with and including				4
	the cost of straightening, cutting, bending, binding,		1		
	wastage, and such overlaps as are not shown over				
	the drawings, placing in position on cement			12	
	concrete 1:2:4, precast or M.s. chair tying with				
	binding wire etc. cost of chairs and wires etc.				la la
	Complete in all kinds of RCC work at any height,	4000		KG	
4.	Providing & laying in Situ 1:2:4 (1 cement 2 sand	1 100000		/	
1.	and 4 coarse aggregate) coment concrete using				
	crush graded boulders 1/4" and down gauge in				
	foundation, basement and plinth including form		100		
	work, compacting, curing and removal of form	1			100
	work etc. complete, foundation and basement up to				* 1
	5' depth and plinth up to 4' height from ground	20.21		200	
	level:	394*	1	Cft	
25.	Providing and laying 1:3:6 cement concrete solid		M		•
	block masonry 4" to 6" thick using graded	1	1		
	screened bajri 37" and down gauge set in cement mortar 1:1:6 including scaffolding, raking out joints				
	and curing etc. complete in any floor				~
	superstructure.	2327		Cfi	
26	3/3" thick cement plaster 1:6 on walls, ceiling and				1
March.	columns etc in any floor including making edges.			1	
	corners, and curing etc. complete internal &		1		
	external surface of room in any floor.	12805		Sft	
27.	Oil bound distempering with distemper of				
	approved make and shade in three coats including				
	scraping, sand papering, dusting, and filling the			10 10	
	holes, cracks and inequalities, if any at any height			0.0	
20	in any floor (GOBI'S) or equivalent make.	12805		SR	
28.	Providing and fixing hot dipped galvanized fully		to the same		
	panelled double leaf steel doors made to crittal		The same	SET U.	100
	or equivalent standard and of approved sections with G.L. Sheet of 12 gauge including using		the south of		
	approved brass section oxidized fittings, iron lugs.		8		
	entine holes and making good damages to walls	86.1	1)	1	
	etc. i/e cost of approved quality 3" to 4" dia S.S	0 1			
	wheels, fix arrows top of gate complete i/e cost of			N.	A .
	two coats of enamel paint of (GOBIS) or				N 170 11
	equivalent make over a single coat of primer of				The state of the s
	(GOBI'S) or equivalent make, 3' x 7' wicket gate	1		10.	10 15 14 15 16
	with hole fast and hinges embedded, 13mm thick			1 200	
	M.S track for wheels of gate fix in RCC work as				
	directed by engineer in-charge, boundary wall,				
	Complete with locking arrangement of booth doors			Sit	
	as required in any floor.	.250'			

2.0	TIEMS OF TORRE	THE RESERVE TO SERVE THE PARTY OF THE PARTY		17851
21.	Providing and laying 1:4:8 (1 cement 4 sand and 8			LEG S
	coarse aggregate) cement concrete using graded			
	stone ballast 2" and down gauge in foundation			133
	including leveling, compacting and curing etc.			
		950	Cft	100
	complete.			100
22.	Providing and laying with mechanical mixing		1 2 4 5	1
	machine reinforced cement concrete using			118
	screened graded bajri 3/2" and down gauge having a		The state of the s	4 33
	minimum works cube crushing strength of 2250			Adulto
	lbs. per sq. inch at 28 days with a mix not leaner	STATE OF THE PARTY		1000
	108. per sq. men at 20 days with a min not reaction			199
	than 1:2:4 in columns of square or rectangular			THE
	shape of regular section including form work and			10
	its removal compacting with vibrator and curing			103
	etc, complete but excluding the cost of			428
	reinforcement, in any floor complete.	COURSELL	L SANCE OF THE SAN	111
	I. Plinth Beam & Footing.	1237	Cfi	
	2. Column in Superstructure.	530°	Cft	
	2. Commit in superstructure:	TO STATE OF THE ST		
23.	Providing and laying cold worked ribbed			
- Joseph Add	deformed steel reinforcement bars with minimum			
	yield stress of 40,000 psi make with and including			
10	the cost of straightening, cutting, bending, binding.			
	wastage, and such overlaps as are not shown over		14 15 4	
	the drawings, placing in position on cement		4 2	
+	the drawings, placing in postuon of cement			
1	concrete 1.2.4, precast or M.s. chair tying with	V.	1	- 67
1	pradmp wire etc. cost of chairs and wires etc.			
	Complete in all kinds of RCC work at any height.	rooman P	100	10
1	A MARCHAN CONTRACTOR OF THE STATE OF THE STA	4000	KG KG	- 1
2.1	Providing & laying in Situ 1:2:4 (1 cement 2 sand			
24.	and I coarse aggregate) cement concrete using			1
	erush graded boulders 1/4" and down gauge in			
4	course graded positions of the course grades form			
	foundation, basement and plinth including form			
	work, compacting, curing and removal of form			1
	work etc. complete, foundation and basement up to			
	5' depth and plinth up to 4' height from ground		and the second s	190
1	level.	3941	Cú	- 1
2.5	Providing and laying 1:3:6 cement concrete solid			
6300	block masonry 4" to 6" thick using graded			- 1
18	sereened hajri 1/4" and down gauge set in cement	A 1		1
1	screened name as and down gauge see in cement			- 1
	mortar 1:1:6 including scaffolding, raking out joints			1
	and curing etc. complete in any floor	02200	Cñ	100
1	superstructure,	2327	/ CIL	-
26.	3/2" thick cement plaster 1:6 on walls, ceiling and			
1 0500	columns etc in any floor including making edges.			- 3
10	corners, and curing etc. complete internal &			
	external surface of room in any floor.	12805	Sit	
1339	Oil bound distempering with distemper of			
27.	(A) Double distempering with distensive of			
h.	approved make and shade in three coats including			*
	scraping, sand papering, dusting, and filling the			
	holes, cracks and inequalities, if any at any height	//		
	in any floor (GOBPS) or equivalent make.	12805	Sft	- 1
28.	Providing and fixing hot dipped galvanized fully	4	de Hilliam III anno II	
2.01	panelled double leaf steel doors made to crittal			
	or equivalent standard and of approved sections		The second second second second	
	with G.I. Sheet of 12 gauge including using			
	William G.I. Sheet of the gauge including come			
	approved brass section oxidized fittings, iron lugs.		4	
	cutting holes and making good damages to walls			1
	etc. i/c cost of approved quality 3" to 4" dia S.S.			
1	wheels, fix arrows top of gate complete the cost of		110	
	two coats of enamel paint of (GOBFS) or		E S	
	equivalent make over a single coat of primer of			
1	(GOBI'S) or equivalent make, 3' x 7' wicket gate		0. 11	
	with hole fast and hinges embedded. 13mm thick			
	M.S. track for wheels of gate fix in RCC work as			
	directed by engineer in-charge, boundary wall,		200	
12	Complete with locking arrangement of booth doors	area.	Sit	
	as required in any floor.	250'	Total	

UNIVERSITY ENGINEER

ASSISTANT ENGINEER (CIVIL)

CONTRACTOR (With scal)