

**CONSTRUCTION OF COMPOUND WALL AND CHECK POSTS IN TTC COLLEGE  
HYDERI, KARACHI**

**BILL OF QUANTITIES**

(Civil Works)  
Sindh Schedule of Rates 2012

S.NO	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
1	<b>DISMANTLING</b> Dismantling cement concrete plain 1:2:4 (Page No. 10, Item No. 19-c)	4,433.00	%Cft	3,327.50	147,508.08
2	Dismantling cement concrete reinforcement separating reinforcement from concrete cleaning and straightening the same. (Page No. 10, Item No. 20)	1,550.00	%Cft	5,445.00	84,397.50
3	Dismantling cement block masonry (Page No. 10, Item No. 14)	7,387.00	%Cft	1,134.38	83,796.65
4	<b>EXCAVATION IN FOUNDATION</b> Excavation in Ordinary Soil in foundation of Building Bridges and other structures including dagbelling dressing, refilling around structure with excavated earth watering and ramming lead upto 5 ft. (Page No. 4, Item No. 18-b)	30,700.00	%0Cft	3,176.25	97,510.88
5	<b>CC IN FOUNDATION</b> Cement concrete plain (Ratio 1:4:8) including placing compacting, finishing and curing complete (including screening and washing at stone aggregate without shuttering (Page No. 15, Item No. 5-i)	5,010.00	%Cft	11,288.75	565,566.38
6	<b>SITU 1:3:6</b> Cement concrete plain ratio (1:3:6) including placing compacting, finishing and curing complete (including screening and washing at stone aggregate without shuttering (Page No. 15, Item No. 5-h+17/19b(i))	2,955.00	%Cft	16,183.48	478,221.83

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7	<b>RCC WORK</b> 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. 15. Item No. 6.  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	<b>Columns Footing</b> - Ratio (1:2:4) 90 lbs cement 2 cft sand 4 cft shingle ½" to ¾" gauge.	4,720.00	Per Cft	337.00	1,590,640.00
b	<b>Plinth Beam</b> - Ratio (1:2:4) 90 lbs cement 2 cft sand 4 cft shingle ½" to ¾" gauge.	2,955.00	Per Cft	337.00	995,835.00
c	<b>Super Structure Columns</b> - Ratio (1:2:4) 90 lbs cement 2 cft sand 4 cft shingle ½" to ¾" gauge.	3,046.00	Per Cft	337.00	1,026,502.00
d	<b>Slab &amp; Projection</b> - Ratio (1:2:4) 90 lbs cement 2 cft sand 4 cft shingle ½" to ¾" gauge as per drawing and design as approved by the Engineer-in-Charge.	350.00	Per Cft	337.00	117,950.00
8	<b>STEEL REINFORCEMENT</b> Fabrication of mild steel reinforcement using Tor Bars for cement concrete including cutting, bending, laying in position making joints and fastenings including cost of binding wire (also includes removal of rust from bars) Page No. 16, Item No. 8-b.	620.00	Per Cwt	5,001.70	3,101,054.00

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S.NO	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
9	<b>BLOCK MASONRY (6" Thick)</b> 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. 18, Item No. 24)	13,600.00	%Cft	15,771.01	2,144,857.36
10	<b>DAMP PROOF COURSE</b> 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)	2,955.00	%Sft	3,912.85	115,624.72
11	<b>SUB FLOORING</b> 3" thick - ratio (1:3:6) Cement concrete plain including placing compacting, finishing and curing complete (including screening and washing at stone aggregate without shuttering (Page No. 15, Item No. 5-h)	300.00	%Cft	12,595.00	37,785.00
12	<b>FINISH FLOORING</b> Providing and laying 2" thick topping cement concrete (1:2:4) including surface finishing and dividing into panels. (Page No. 41, Item No. 16-c)	300.00	%Sft	3,275.50	9,826.50
13	<b>STEEL GATE</b> Supplying and fixing special heavy type steel doors for look-ups angle iron frame of 2-½" to 2-½" X ¾" size and shutter of 2" X 2" X ¾" with 1" dia meter M.S. bars placed @ 4" center to center with a separate locking box having size of 12" X 12" of M.Steel Sheet embedded in masonry with proper locking arrangement as per approved design including cost of erection of steel gate and fixing in masonry wall in cement concrete 1:2:4 etc. complete as per instructions of the Engineer-in-Charge. (Page No. 92, Item No. 27)	308.00	Per Sft	930.76	286,674.08

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14	<b>SURFACE RENDERING</b> Cement Plaster 1:5 upto 12' height				
a	¾" thick Plaster (Page No. 51, Item No. 12-a)	59,100.00	%Sft	2,166.72	1,280,531.52
b	¾" thick <u>External Wall Plaster</u> (Page No. 51, Item No. 12-c)	59,100.00	%Sft	2,678.50	1,582,993.50
15	<b>WEATHER COAT</b> 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. (Page No. 55, Item No. 38-a&b)	59,100.00	%Sft	2,567.95	1,517,658.45
16	<b>ENAMEL PAINT ON IRON WORKS</b> Painting guard bars, gates iron bars gratings, railing including standard braces etc. and similar open work (3 Coats) Page No. 68, Item No. 4-d-ii)	2,050.00	%Sft	977.40	20,036.70
17	<b>ANGLE IRON FOR BARBED WIRE</b> Providing and fixing angle iron vertical posts for barbed wire fencing of size 2" X 2" ¼" embedded in RCC masonry pillars i/c making cuts / holders @ 12" i/c fixing in pillars by chiseling and filling with cement sand mortar saprining & finishing the surface. (Page No. 94, Item No. 8)	1,800.00	Per Rft	169.18	304,524.00
18	<b>BARBED WIRE</b> Providing and fixing barbed wire fencing with 12 gauge 4 points @ 6" apart barbed wire i/c straightening and fixing in angle iron vertical posts. (Page No. 95, Item No. 9)	8,900.00	Per Rft	8.38	74,582.00
<b>Sub Total</b>		<b>(A)</b>		<b>Rs=</b>	<b>15,664,076.14</b>
_____ % above / below				Rs=	
Cost of Scheduled Items (Civil Work)				Rs=	

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NSI (Civil Works)

S.NO	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
19	<b>GATE LIGHT</b> Providing & fixing basic batten, surface type, fitting complete with TLD 1x36W white day light lamp starter, electronic ballast as Philips Cat.(TMS-015/136) or approved equalvent on entrance gate. complete in all respect as per drawing, design specification and instructions of the Architect / Engineer-in-Charge.	12	Each		
<b>Cost of NSI (Civil Work)</b>			<b>(B)</b>	<b>Rs=</b>	

**Cost of Compound Wall (A+B)=**

**Rs=**

The Director (Works & Services)

Dated: \_\_\_\_\_

Contractor's Signature with Stamp

Dated: \_\_\_\_\_