

BILL OF QUANTITIES

CONSTRUCTION OF FLY-OVER BRIDGE AT LABAIK CHOWK, NEAR ADMORE
FILLING STATION, LATIFABAD, DISTRICT HYDERABAD

CONSTRUCTION OF APPROACH ROADS AT UNIT NO. 7, TALUKA LATIFABAD,
DISTRICT HYDERABAD

SUMMARY

BILL No.	DESCRIPTION	AMOUNT (PKR)
1	Roadworks	
2	Structures	
	Total (1+2) Bid Cost	

Bill 01: Roadworks

SR. #	NHA CSR Pay Item No.	Description	Unit	Qty	Rate	Amount (PKR)
1	209a	Breaking of existing road pavement structure	Cu.m	2288		
2	104	Compaction of natural ground	Sq.m	5369		
3	107e	Common back fill	Cu.m	954		
4	201	Granular subbase	Cu.m	949		
5	202ii	Aggregate base course (with grader)	Cu.m	949		
6	302a	Cut-back asphalt for bituminous prime coat	Sq.m	9583		
7	203b	Asphaltic base course plant mix (Class "B")	Cu.m	481		
8	303a	Cut-back asphalt for bituminous tack coat	Sq.m	9583		
9	305b	Asphaltic concrete for wearing course (Class "B")	Cu.m	642		
10	601di	Precast curb in concrete class a-1 of size 450x150 mm incl. Bedding & haunching.	m	1590		
11	601dii	R.C.C.New Jersey Barrier (Pre-Cast) for median Double Face 810 mm above ground (incl. reinforcement)-as per amended drawing CSR 2022	m	398		
12	310a	Jointed Plain Concrete Pavement (JPCP) using minimum 5000 psi class concrete laid through concrete paver including transverse and longitudinal joints formation, expansion caps and filling with sealant complete in all respects excluding reinforcement (dowel/tie bars)	Cu.m	591		
13	608h2	Pavement marking in reflective TP paint for lines of 15 cm width	m	3751		
14	609c	Reflectorised aluminum pavement stud (raised profile type - single) 100 mm x100 mm	Each	217		

15	SP-01	Providing and fixing of solar Street Light fitting Volt 220 W 70AH/3.2 V battery, Solar panel with philips LEDs having Luminaries Size of MM10870 x 215x 45 on 25 feet long MS Pole Size (4"-10'x3"-10'x 2.5"-5') schedule between 10 to 12 Guage i/c welded MS base plate size 14"x14"x1/2" fitted & embedded stud rods foundation (4 Nos 4'-6" long) on Reinforced Cement Concrete RCC of Size (14"x14"x36") on Lean 1:4:8 CC bed of 4", i/c cost of excavation of size (2'x2'x2-6") Complete in all aspects as approved by the Engineer Incharge.	Each	35		
Total Amount in PKR						

Bill 02: Structures

SR. #	NHA CSR Pay Item No.	Description	Unit	Qty	Rate	Amount (PKR)
1	107b	Structural excavation in common material below water level (where dewatering is performed by pump for structures only)	Cu.m	3,443.77		
2	107ci	Structural excavation in hard rock material	Cu.m	340		
3	107e	Common back fill in structures	Cu.m	1,312.50		
4	107d	Granular back fill in structures	Cu.m	1,957.92		
5	401f	Lean concrete	Cu.m	159.69		
		Concrete class A3				
6	401a3i	i) Underground (Piles)	Cu.m	1,257.51		
7	401a3ii	ii) on ground (Pilecap, RW Base slab, Approach slab)	Cu.m	1,597.68		
8	401a3iii	iii) Elevated (Pier, Abt. Front wall, Back wall, retaining wall, Curtain & Wing wall)	Cu.m	943.13		

		Concrete class A3				
9	401a3iii	i) Elevated (Top Slab, Diaphragms)	Cu.m	1,166.68		
10	401di	Concrete Class D2 in precast prestressed concrete Box girders.	Cu.m	1,392.30		
11	401dii	Concrete Class D1 in precast prestressed concrete Box/tub girders.	Cu.m	200		
12	405b	Launching of Girders	Ton	3,341.52		

13	401a1iii	Concrete Class A1 in barrier	Cu.m	213.13		
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14	404b	Reinforcement in superstructure as per AASHTO M31. Grade 60	Ton	1,013.65		
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15	405a	Prestressing Steel (Strands) in prestressed concrete box girders	Ton	65.47		
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16	406cvii	65mm expansion joint-nosing-molded vulcanized elastomeric single section (one piece mono block) imported (West asian make)	m	141.90		
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17	406e	Elastomeric bearing pads (according to size and thickness) imported (west asian make)	Cu.cm	1,300,000.00		
18	407d(iii)	Cast in place piles > 0.8m upto 1m dia in normal soil (Boring only)	m	2,640.00		
19	407d(iv)	Cast in place piles > 0.8m upto 1m dia in Gravel strata (Boring only)	m	1		
20	407t	Pile load test upto 800 Ton	Each	1.00		
21	604a	Metal guard Rail	m	796		
22	SP-1	Providing and fixing uPVC drain pipe in deck slab of following dia @ 5 m c/c .Complete in all respect as per drawings, specifications or as directed by the Engineer. a) 75mm	m	36		
23	407 Ki	Confirmatory boring in soil strata (760mm dia) including testing and reporting	m	25.00		
24	407 Kii	Confirmatory boring in gravel strata (760mm dia) including testing and reporting	m	10		
25	407 Kiii	Confirmatory boring in Rock strata (760mm dia) including testing and reporting	m	05		
26	407 I	Permenant Pile casing for Piles	Ton	1		
27	SP-2	Pile integrity testing	Each	1		
Total Amount in PKR						

