

GWADAR LASBELA LIVELIHOODS SUPPORT PROJECT PHASE-II (GLLSP-II)

**CONSTRUCTION OF BLACK TOPPED ROAD FROM MAIN ROAD TO SADIQ
BAKHAR UMAR SUKHIYA ALIANNI VILLAGES**

DETAIL ESTIMATE

GWADAR LASBELA LIVELIHOODS SUPPORT PROJECT PHASE-II (GLLSP-II)
CONSTRUCTION OF BLACK TOPPED ROAD FROM MAIN ROAD TO SADIQ BAKHAR UMAR
SUKHIYA ALIANNI VILLAGES
GENERAL ABSTRACT OF COST

S.NO	Description	Total PC-1 AMOUNT (Pak Rs.)
A	ROAD WORKS	
1	EARTH WORK	
2	SUB BASE AND BASE COURSE	
3	SURFACE COURSE AND PAVEMENT	
B	STRUCTURES WORKS	
1	RCC Box Culverts	
2	RCC Pipe Culverts	
3	Stone Massonry Retaining Wall	
4	RCC wall	
5	PCC Wall	
7	PCC Side Drain	
8	PCC Parapet Walls	
C	ANCILLARY WORKS	
	SUB TOTAL (A+B+C+D)	
D	Add 4% BSTS	
	Total Capital Cost. (A to D)	
	Total in (Million)	

GWADAR LASBELA LIVELIHOODS SUPPORT PROJECT PHASE-II (GLLSP-II)

**CONSTRUCTION OF BLACK TOPPED ROAD FROM MAIN ROAD TO SADIQ BAKHAR
UMAR SUKHIYA ALIANNI VILLAGES**

**DETAIL OF
BILL#1
EARTH WORK**

GWADAR LASBELA LIVELIHOODS SUPPORT PROJECT PHASE-II (GLLSP-II)

**CONSTRUCTION OF BLACK TOPPED ROAD FROM MAIN ROAD TO SADIQ BAKHAR UMAR SUKHIYA
ALIANNI VILLAGES**

Detail Quantities CSR 2023

S No	Description of items	Unit	Rate	QTY	AMOUNT
BILL No.1: EARTH WORK					
1	Clearing and grubbing (removal) of roots including scarifying natural ground upto 8" (20mm) depth and disposal of roots (S.i.No 21-10 b)	Sqm		94859.73	
2	Preparation and compaction upto 95% modified AASHTO of natural ground upto a depth of 8" (20mm) in ordinary soil (S.i.No 21-10 a)	Sqm		94859.73	
3	Excavation or cutting to a required grade, camber and side slopes including dressing top and sides and disposal of excavated material within a lift of 5ft (1.5m) and lead upto 100 ft. (30m) All Kind of Soil (S.i.No 21-1a)	Cum		1105.13	
4	Making earthen embankment with earth taken from approved borrow pits including cost of excavation, placing in layers not exceeding 9" (230mm) in depth including dressing top and sides of the bank within a lift of 5 ft. (1.5m) and lead upto 100 ft. (30m). (Excluding the royalty of Earth, Compaction and its carriage)				
	Compaction of earthen embankments to full depth and width below sub-grade level by mechanical means in layers not exceeding 8" (200mm) in depth at optimum moisture content including watering and mixing by mechanical means. The sub-grade embankments shall be compacted to at least 95% modified AASHTO maximum dry density for their full depth and width.				
	(S.i.No 21-6c+21-9)	Cum		70129.68	
5	Carriage of 100 Cft. (2.83 cu.m) of all materials like Clay, stone aggregate, spawl, kankar lime (unslaked), surkhi, etc. or 150 Cft. (4.25 cu.m) of timber, by truck or by any other means owned by the contractor. 25 % Extra to be paid for hilly area, 25% Extra for Hard Area, 20% more for Kucha Road, 15% more for desert road				
SUB .Total					
Above/ below _____ % Premium if any on CSR 2023					
G.Total 					

GWADAR LASBELA LIVELIHOODS SUPPORT PROJECT PHASE-II (GLLSP-II)**CONSTRUCTION OF BLACK TOPPED ROAD FROM MAIN ROAD TO SADIQ BAKHAR UMAR
SUKHIYA ALIANNI VILLAGES****CG & NGC**

Chainage	Length(m)	Left	Right	Total Width	Average Width	Area
00+000	0.00	2.774	2.756	5.530	0.000	0.000
00+025	25.00	5.368	5.463	10.831	8.181	204.513
00+050	25.00	5.777	5.761	11.538	11.185	279.613
00+075	25.00	5.472	5.468	10.940	11.239	280.975
00+100	25.00	4.986	5.759	10.745	10.843	271.063
00+125	25.00	5.532	6.147	11.679	11.212	280.300
00+150	25.00	5.789	6.672	12.461	12.070	301.750
00+175	25.00	5.530	6.740	12.270	12.366	309.138
00+200	25.00	5.925	6.819	12.744	12.507	312.675
00+225	25.00	6.113	6.150	12.263	12.504	312.588
00+250	25.00	6.259	6.374	12.633	12.448	311.200
00+275	25.00	6.457	6.818	13.275	12.954	323.850
00+300	25.00	6.834	6.987	13.821	13.548	338.700
00+325	25.00	6.371	6.215	12.586	13.204	330.088
00+350	25.00	5.879	5.003	10.882	11.734	293.350
00+375	25.00	5.957	5.087	11.044	10.963	274.075
00+400	25.00	5.726	5.890	11.616	11.330	283.250
00+425	25.00	5.875	5.432	11.307	11.462	286.538
00+450	25.00	5.829	5.198	11.027	11.167	279.175
00+475	25.00	6.025	5.158	11.183	11.105	277.625
00+500	25.00	5.650	6.118	11.768	11.476	286.888
00+525	25.00	5.899	6.408	12.307	12.038	300.938
00+550	25.00	5.981	7.503	13.484	12.896	322.388
00+575	25.00	6.343	7.869	14.212	13.848	346.200
00+600	25.00	6.436	8.005	14.441	14.327	358.163
00+625	25.00	6.353	7.881	14.234	14.338	358.438
00+650	25.00	6.209	7.850	14.059	14.147	353.663
00+675	25.00	6.479	8.054	14.533	14.296	357.400
00+700	25.00	6.575	6.555	13.130	13.832	345.788
00+725	25.00	5.758	4.862	10.620	11.875	296.875
00+750	25.00	6.046	4.836	10.882	10.751	268.775
00+775	25.00	7.091	5.739	12.830	11.856	296.400
00+800	25.00	6.714	5.644	12.358	12.594	314.850
00+825	25.00	5.336	4.266	9.602	10.980	274.500
00+850	25.00	4.265	3.472	7.737	8.670	216.738
00+875	25.00	4.402	3.660	8.062	7.900	197.488
00+900	25.00	4.197	3.405	7.602	7.832	195.800
00+925	25.00	3.948	3.164	7.112	7.357	183.925
00+950	25.00	4.228	3.827	8.055	7.584	189.588
00+975	25.00	4.664	3.853	8.517	8.286	207.150
01+000	25.00	4.953	3.753	8.706	8.612	215.288
01+025	25.00	4.893	4.154	9.047	8.877	221.913
01+050	25.00	5.153	4.787	9.940	9.494	237.338
01+075	25.00	5.550	3.868	9.418	9.679	241.975
01+100	25.00	6.720	6.585	13.305	11.362	284.038
01+125	25.00	6.479	6.036	12.515	12.910	322.750
01+150	25.00	6.142	5.583	11.725	12.120	303.000
01+175	25.00	5.794	6.020	11.814	11.770	294.238
01+200	25.00	3.940	4.625	8.565	10.190	254.738
01+225	25.00	0.000	0.000	0.000	4.283	107.063

GWADAR LASBELA LIVELIHOODS SUPPORT PROJECT PHASE-II (GLLSP-II)**CONSTRUCTION OF BLACK TOPPED ROAD FROM MAIN ROAD TO SADIQ BAKHAR UMAR
SUKHIYA ALIANNI VILLAGES****CG & NGC**

Chainage	Length(m)	Left	Right	Total Width	Average Width	Area
01+250	25.00	3.108	3.588	6.696	3.348	83.700
01+275	25.00	4.228	4.774	9.002	7.849	196.225
01+300	25.00	3.721	3.917	7.638	8.320	208.000
01+325	25.00	3.365	4.287	7.652	7.645	191.125
01+350	25.00	3.553	4.596	8.149	7.901	197.513
01+375	25.00	3.670	4.225	7.895	8.022	200.550
01+400	25.00	3.476	3.855	7.331	7.613	190.325
01+425	25.00	4.006	3.904	7.910	7.621	190.513
01+450	25.00	4.717	4.408	9.125	8.518	212.938
01+475	25.00	4.288	4.336	8.624	8.875	221.863
01+500	25.00	3.617	4.216	7.833	8.229	205.713
01+525	25.00	4.118	4.393	8.511	8.172	204.300
01+550	25.00	4.160	4.711	8.871	8.691	217.275
01+575	25.00	4.117	4.471	8.588	8.730	218.238
01+600	25.00	4.264	4.451	8.715	8.652	216.288
01+625	25.00	4.269	4.644	8.913	8.814	220.350
01+650	25.00	4.492	4.938	9.430	9.172	229.288
01+675	25.00	4.561	4.894	9.455	9.443	236.063
01+700	25.00	4.464	4.730	9.194	9.325	233.113
01+725	25.00	4.730	5.049	9.779	9.487	237.163
01+750	25.00	5.104	5.150	10.254	10.017	250.413
01+775	25.00	4.860	5.274	10.134	10.194	254.850
01+800	25.00	5.677	4.804	10.481	10.308	257.688
01+825	25.00	5.750	3.967	9.717	10.099	252.475
01+850	25.00	4.872	4.224	9.096	9.407	235.163
01+875	25.00	4.280	3.608	7.888	8.492	212.300
01+900	25.00	4.102	3.928	8.030	7.959	198.975
01+925	25.00	3.376	4.104	7.480	7.755	193.875
01+950	25.00	3.778	4.418	8.196	7.838	195.950
01+975	25.00	4.059	4.071	8.130	8.163	204.075
02+000	25.00	3.955	3.621	7.576	7.853	196.325
02+025	25.00	4.378	3.751	8.129	7.853	196.313
02+050	25.00	5.473	4.257	9.730	8.930	223.238
02+075	25.00	5.901	5.336	11.237	10.484	262.088
02+100	25.00	6.393	4.888	11.281	11.259	281.475
02+125	25.00	4.682	3.984	8.666	9.974	249.338
02+150	25.00	3.110	3.503	6.613	7.640	190.988
02+175	25.00	3.223	3.995	7.218	6.916	172.888
02+200	25.00	4.028	4.239	8.267	7.743	193.563
02+225	25.00	3.569	3.875	7.444	7.856	196.388
02+250	25.00	3.342	3.293	6.635	7.040	175.988
02+275	25.00	3.364	3.294	6.658	6.647	166.163
02+300	25.00	3.287	4.223	7.510	7.084	177.100
02+325	25.00	3.627	3.952	7.579	7.545	188.613
02+350	25.00	3.629	4.138	7.767	7.673	191.825
02+375	25.00	3.449	4.304	7.753	7.760	194.000
02+400	25.00	3.666	4.355	8.021	7.887	197.175
02+425	25.00	3.883	4.406	8.289	8.155	203.875
02+450	25.00	4.024	4.378	8.402	8.346	208.638
02+475	25.00	3.693	4.142	7.835	8.119	202.963

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SUKHIYA ALIANNI VILLAGES****CG & NGC**

Chainage	Length(m)	Left	Right	Total Width	Average Width	Area
02+500	25.00	3.824	3.740	7.564	7.700	192.488
02+525	25.00	3.899	3.971	7.870	7.717	192.925
02+550	25.00	4.061	4.033	8.094	7.982	199.550
02+575	25.00	4.496	4.484	8.980	8.537	213.425
02+600	25.00	4.719	4.543	9.262	9.121	228.025
02+625	25.00	4.811	4.561	9.372	9.317	232.925
02+650	25.00	4.823	4.451	9.274	9.323	233.075
02+675	25.00	4.101	3.677	7.778	8.526	213.150
02+700	25.00	4.218	3.780	7.998	7.888	197.200
02+725	25.00	5.212	4.908	10.120	9.059	226.475
02+750	25.00	5.227	4.991	10.218	10.169	254.225
02+775	25.00	5.218	5.057	10.275	10.247	256.163
02+800	25.00	5.383	5.202	10.585	10.430	260.750
02+825	25.00	5.504	5.367	10.871	10.728	268.200
02+850	25.00	5.445	5.204	10.649	10.760	269.000
02+875	25.00	5.592	5.487	11.079	10.864	271.600
02+900	25.00	6.864	5.939	12.803	11.941	298.525
02+925	25.00	6.059	5.357	11.416	12.110	302.738
02+950	25.00	5.428	5.184	10.612	11.014	275.350
02+975	25.00	4.985	4.784	9.769	10.191	254.763
03+000	25.00	4.232	3.740	7.972	8.871	221.763
03+025	25.00	3.293	3.546	6.839	7.406	185.138
03+050	25.00	7.350	5.629	12.979	9.909	247.725
03+075	25.00	6.169	6.267	12.436	12.708	317.688
03+100	25.00	6.757	6.430	13.187	12.812	320.288
03+125	25.00	8.990	8.099	17.089	15.138	378.450
03+150	25.00	7.813	7.698	15.511	16.300	407.500
03+175	25.00	5.250	5.142	10.392	12.952	323.788
03+200	25.00	4.893	4.394	9.287	9.840	245.988
03+225	25.00	3.585	3.464	7.049	8.168	204.200
03+250	25.00	3.012	2.923	5.935	6.492	162.300
03+275	25.00	3.335	3.128	6.463	6.199	154.975
03+300	25.00	0.000	0.000	0.000	3.232	80.788
03+325	25.00	0.000	0.000	0.000	0.000	0.000
03+350	25.00	0.000	0.000	0.000	0.000	0.000
03+375	25.00	0.000	0.000	0.000	0.000	0.000
03+400	25.00	2.928	2.765	5.693	2.847	71.167
03+425	25.00	3.243	3.117	6.360	6.027	150.667
03+450	25.00	3.394	3.288	6.682	6.521	163.025
03+475	25.00	3.996	3.849	7.845	7.264	181.588
03+500	25.00	4.240	3.888	8.128	7.987	199.663
03+525	25.00	3.773	3.864	7.637	7.883	197.063
03+550	25.00	3.554	3.582	7.136	7.387	184.663
03+575	25.00	3.029	3.060	6.089	6.613	165.313
03+600	25.00	3.146	3.054	6.200	6.145	153.613
03+625	25.00	7.487	8.724	16.211	11.206	280.138
03+650	25.00	9.242	9.394	18.636	17.424	435.588
03+675	25.00	7.626	8.679	16.305	17.471	436.763
03+700	25.00	7.766	7.391	15.157	15.731	393.275
03+725	25.00	10.162	10.692	20.854	18.006	450.138

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SUKHIYA ALIANNI VILLAGES****CG & NGC**

Chainage	Length(m)	Left	Right	Total Width	Average Width	Area
03+750	25.00	7.487	9.086	16.573	18.714	467.838
03+775	25.00	3.629	3.896	7.525	12.049	301.225
03+800	25.00	3.674	4.306	7.980	7.753	193.813
03+825	25.00	3.882	4.364	8.246	8.113	202.825
03+850	25.00	4.604	6.080	10.684	9.465	236.625
03+875	25.00	6.010	6.587	12.597	11.641	291.013
03+900	25.00	6.257	5.713	11.970	12.284	307.088
03+925	25.00	5.335	5.330	10.665	11.318	282.938
03+950	25.00	5.255	5.248	10.503	10.584	264.600
03+975	25.00	4.825	5.489	10.314	10.409	260.213
04+000	25.00	4.547	5.132	9.679	9.997	249.913
04+025	25.00	4.596	4.951	9.547	9.613	240.325
04+050	25.00	4.957	5.013	9.970	9.759	243.963
04+075	25.00	5.348	5.400	10.748	10.359	258.975
04+100	25.00	5.317	5.212	10.529	10.639	265.963
04+125	25.00	5.475	5.988	11.463	10.996	274.900
04+150	25.00	5.976	6.334	12.310	11.887	297.163
04+175	25.00	5.774	5.927	11.701	12.006	300.138
04+200	25.00	5.297	5.516	10.813	11.257	281.425
04+225	25.00	4.894	5.064	9.958	10.386	259.638
04+250	25.00	4.650	4.727	9.377	9.668	241.688
04+275	25.00	4.097	4.034	8.131	8.754	218.850
04+300	25.00	3.563	3.349	6.912	7.522	188.038
04+325	25.00	4.553	4.278	8.831	7.872	196.788
04+350	25.00	4.704	4.429	9.133	8.982	224.550
04+375	25.00	4.305	4.148	8.453	8.793	219.825
04+400	25.00	3.907	3.769	7.676	8.065	201.613
04+425	25.00	3.706	3.463	7.169	7.423	185.563
04+450	25.00	4.126	4.121	8.247	7.708	192.700
04+475	25.00	4.363	4.358	8.721	8.484	212.100
04+500	25.00	4.601	4.597	9.198	8.960	223.988
04+525	25.00	4.840	4.529	9.369	9.284	232.088
04+550	25.00	4.979	4.500	9.479	9.424	235.600
04+575	25.00	4.043	4.299	8.342	8.911	222.763
04+600	25.00	7.239	6.261	13.500	10.921	273.025
04+625	25.00	3.856	3.742	7.598	10.549	263.725
04+650	25.00	3.461	3.378	6.839	7.219	180.463
04+675	25.00	3.575	3.454	7.029	6.934	173.350
04+700	25.00	3.612	3.502	7.114	7.072	176.788
04+725	25.00	3.646	3.513	7.159	7.137	178.413
04+750	25.00	3.681	3.421	7.102	7.131	178.263
04+775	25.00	3.673	3.411	7.084	7.093	177.325
04+800	25.00	3.590	3.475	7.065	7.075	176.863
04+825	25.00	3.789	3.738	7.527	7.296	182.400
04+850	25.00	4.289	4.114	8.403	7.965	199.125
04+875	25.00	4.693	4.525	9.218	8.811	220.263
04+900	25.00	4.966	4.085	9.051	9.135	228.363
04+925	25.00	3.741	4.544	8.285	8.668	216.700
04+950	25.00	4.544	5.048	9.592	8.939	223.463
04+975	25.00	5.649	5.226	10.875	10.234	255.838

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SUKHIYA ALIANNI VILLAGES****CG & NGC**

Chainage	Length(m)	Left	Right	Total Width	Average Width	Area
05+000	25.00	5.865	5.390	11.255	11.065	276.625
05+025	25.00	6.001	5.285	11.286	11.271	281.763
05+050	25.00	5.983	5.585	11.568	11.427	285.675
05+075	25.00	6.591	6.357	12.948	12.258	306.450
05+100	25.00	7.278	6.224	13.502	13.225	330.625
05+125	25.00	6.477	6.407	12.884	13.193	329.825
05+150	25.00	5.604	5.485	11.089	11.987	299.663
05+175	25.00	5.986	5.611	11.597	11.343	283.575
05+200	25.00	6.182	5.869	12.051	11.824	295.600
05+225	25.00	6.461	6.165	12.626	12.339	308.463
05+250	25.00	6.669	6.538	13.207	12.917	322.913
05+275	25.00	6.953	6.816	13.769	13.488	337.200
05+300	25.00	6.469	6.753	13.222	13.496	337.388
05+325	25.00	6.073	6.665	12.738	12.980	324.500
05+350	25.00	5.641	6.310	11.951	12.345	308.613
05+375	25.00	5.220	5.423	10.643	11.297	282.425
05+400	25.00	5.366	5.054	10.420	10.532	263.288
05+425	25.00	6.435	5.658	12.093	11.257	281.413
05+450	25.00	6.609	5.945	12.554	12.324	308.088
05+475	25.00	6.074	6.014	12.088	12.321	308.025
05+500	25.00	5.711	5.632	11.343	11.716	292.888
05+525	25.00	5.086	5.268	10.354	10.849	271.213
05+550	25.00	4.624	4.569	9.193	9.774	244.338
05+575	25.00	3.783	4.277	8.060	8.627	215.663
05+600	25.00	4.594	4.361	8.955	8.508	212.688
05+625	25.00	6.107	4.334	10.441	9.698	242.450
05+650	25.00	5.061	3.807	8.868	9.655	241.363
05+675	25.00	5.259	5.107	10.366	9.617	240.425
05+700	25.00	6.849	6.255	13.104	11.735	293.375
05+725	25.00	4.738	4.582	9.320	11.212	280.300
05+750	25.00	3.512	3.257	6.769	8.045	201.113
05+775	25.00	3.070	2.899	5.969	6.369	159.225
05+800	25.00	3.090	3.163	6.253	6.111	152.775
05+825	25.00	3.510	3.523	7.033	6.643	166.075
05+850	25.00	4.232	4.120	8.352	7.693	192.313
05+875	25.00	4.187	3.942	8.129	8.241	206.013
05+900	25.00	4.252	3.999	8.251	8.190	204.750
05+925	25.00	4.330	4.011	8.341	8.296	207.400
05+950	25.00	4.399	4.156	8.555	8.448	211.200
05+975	25.00	4.228	3.893	8.121	8.338	208.450
06+000	25.00	4.136	3.871	8.007	8.064	201.600
06+025	25.00	4.246	3.892	8.138	8.073	201.813
06+050	25.00	4.357	4.043	8.400	8.269	206.725
06+075	25.00	4.307	4.139	8.446	8.423	210.575
06+100	25.00	4.290	4.132	8.422	8.434	210.850
06+125	25.00	4.299	4.086	8.385	8.404	210.088
06+150	25.00	4.499	4.241	8.740	8.563	214.063
06+175	25.00	4.679	4.395	9.074	8.907	222.675
06+200	25.00	4.858	4.581	9.439	9.257	231.413
06+225	25.00	4.994	4.705	9.699	9.569	239.225

GWADAR LASBELA LIVELIHOODS SUPPORT PROJECT PHASE-II (GLLSP-II)**CONSTRUCTION OF BLACK TOPPED ROAD FROM MAIN ROAD TO SADIQ BAKHAR UMAR
SUKHIYA ALIANNI VILLAGES****CG & NGC**

Chainage	Length(m)	Left	Right	Total Width	Average Width	Area
06+250	25.00	5.026	4.724	9.750	9.725	243.113
06+275	25.00	5.021	4.687	9.708	9.729	243.225
06+300	25.00	5.146	5.009	10.155	9.932	248.288
06+325	25.00	5.165	4.846	10.011	10.083	252.075
06+350	25.00	4.905	4.716	9.621	9.816	245.400
06+375	25.00	4.908	4.686	9.594	9.608	240.188
06+400	25.00	5.045	4.909	9.954	9.774	244.350
06+425	25.00	5.162	4.989	10.151	10.053	251.313
06+450	25.00	5.416	4.917	10.333	10.242	256.050
06+475	25.00	5.764	5.472	11.236	10.785	269.613
06+500	25.00	5.264	5.263	10.527	10.882	272.038
06+525	25.00	5.379	5.133	10.512	10.520	262.988
06+550	25.00	5.013	4.755	9.768	10.140	253.500
06+575	25.00	4.568	4.344	8.912	9.340	233.500
06+600	25.00	4.402	4.181	8.583	8.748	218.688
06+625	25.00	4.346	4.147	8.493	8.538	213.450
06+650	25.00	4.448	4.233	8.681	8.587	214.675
06+675	25.00	4.632	4.312	8.944	8.813	220.313
06+700	25.00	4.438	4.189	8.627	8.786	219.638
06+725	25.00	4.368	4.166	8.534	8.581	214.513
06+750	25.00	4.262	3.960	8.222	8.378	209.450
06+775	25.00	4.056	3.862	7.918	8.070	201.750
06+800	25.00	4.345	3.932	8.277	8.098	202.438
06+825	25.00	4.565	3.921	8.486	8.382	209.538
06+850	25.00	4.124	3.926	8.050	8.268	206.700
06+875	25.00	4.041	3.835	7.876	7.963	199.075
06+900	25.00	4.107	3.868	7.975	7.926	198.138
06+925	25.00	4.371	4.082	8.453	8.214	205.350
06+950	25.00	4.635	4.329	8.964	8.709	217.713
06+975	25.00	4.583	4.237	8.820	8.892	222.300
07+000	25.00	4.799	4.480	9.279	9.050	226.238
07+025	25.00	4.992	4.740	9.732	9.506	237.638
07+050	25.00	5.094	4.842	9.936	9.834	245.850
07+075	25.00	5.027	4.637	9.664	9.800	245.000
07+100	25.00	4.125	3.933	8.058	8.861	221.525
07+125	25.00	4.985	4.338	9.323	8.691	217.263
07+150	25.00	5.131	4.827	9.958	9.641	241.013
07+175	25.00	5.326	5.352	10.678	10.318	257.950
07+200	25.00	5.779	5.905	11.684	11.181	279.525
07+225	25.00	6.457	7.101	13.558	12.621	315.525
07+250	25.00	6.697	6.398	13.095	13.327	333.163
07+275	25.00	6.332	6.071	12.403	12.749	318.725
07+300	25.00	6.531	6.618	13.149	12.776	319.400
07+325	25.00	6.921	7.061	13.982	13.566	339.138
07+350	25.00	7.267	7.621	14.888	14.435	360.875
07+375	25.00	7.374	7.401	14.775	14.832	370.788
07+400	25.00	7.219	7.033	14.252	14.514	362.838
07+425	25.00	7.046	6.980	14.026	14.139	353.475
07+450	25.00	7.282	7.145	14.427	14.227	355.663
07+475	25.00	7.568	7.344	14.912	14.670	366.738

GWADAR LASBELA LIVELIHOODS SUPPORT PROJECT PHASE-II (GLLSP-II)**CONSTRUCTION OF BLACK TOPPED ROAD FROM MAIN ROAD TO SADIQ BAKHAR UMAR
SUKHIYA ALIANNI VILLAGES****CG & NGC**

Chainage	Length(m)	Left	Right	Total Width	Average Width	Area
07+500	25.00	6.929	6.970	13.899	14.406	360.138
07+525	25.00	6.764	6.868	13.632	13.766	344.138
07+550	25.00	6.311	6.660	12.971	13.302	332.538
07+575	25.00	5.916	6.286	12.202	12.587	314.663
07+600	25.00	7.060	6.818	13.878	13.040	326.000
07+625	25.00	7.213	7.038	14.251	14.065	351.613
Link Road 1						
00+000	0.00	1.590	2.804	4.394	0.000	0.000
00+025	25.00	4.903	4.847	9.750	7.072	176.795
00+050	25.00	4.695	4.442	9.137	9.444	236.088
00+075	25.00	4.534	4.677	9.211	9.174	229.350
00+100	25.00	4.323	4.316	8.639	8.925	223.125
00+125	25.00	4.039	3.871	7.910	8.275	206.863
00+150	25.00	3.585	3.736	7.321	7.616	190.388
00+175	25.00	3.444	4.003	7.447	7.384	184.600
00+200	25.00	3.452	4.153	7.605	7.526	188.150
00+225	25.00	3.264	3.732	6.996	7.301	182.513
00+250	25.00	3.462	3.929	7.391	7.194	179.838
00+275	25.00	3.453	4.169	7.622	7.507	187.663
00+300	25.00	3.124	3.668	6.792	7.207	180.175
00+325	25.00	3.474	3.405	6.879	6.836	170.888
00+350	25.00	3.047	3.782	6.829	6.854	171.350
00+375	25.00	3.656	3.732	7.388	7.109	177.713
00+400	25.00	3.146	3.520	6.666	7.027	175.675
00+425	25.00	3.260	3.796	7.056	6.861	171.525
00+450	25.00	4.294	4.338	8.632	7.844	196.100
00+475	25.00	5.440	5.016	10.456	9.544	238.600
00+500	25.00	5.754	5.507	11.261	10.859	271.463
00+525	25.00	5.230	4.996	10.226	10.744	268.588
00+550	25.00	4.378	3.779	8.157	9.192	229.788
00+575	25.00	3.471	2.889	6.360	7.259	181.463
00+600	25.00	3.342	3.006	6.348	6.354	158.850
00+625	25.00	3.103	3.127	6.230	6.289	157.225
00+650	25.00	3.230	3.777	7.007	6.619	165.463
00+675	25.00	3.529	3.934	7.463	7.235	180.875
00+700	25.00	3.810	3.969	7.779	7.621	190.525
00+725	25.00	4.377	3.959	8.336	8.058	201.438
00+750	25.00	3.649	4.942	8.591	8.464	211.588
00+775	25.00	3.405	4.738	8.143	8.367	209.175
00+800	25.00	5.418	5.651	11.069	9.606	240.150
00+825	25.00	4.602	4.822	9.424	10.247	256.163
00+850	25.00	4.234	5.140	9.374	9.399	234.975
00+875	25.00	4.124	4.135	8.259	8.817	220.413
Link Road 2						
00+000	0.00	0.000	0.000	0.000	0.000	0.000
00+025	25.00	4.865	4.498	9.363	4.682	117.038
00+050	25.00	3.971	3.775	7.746	8.555	213.863
00+075	25.00	3.301	3.343	6.644	7.195	179.875

GWADAR LASBELA LIVELIHOODS SUPPORT PROJECT PHASE-II (GLLSP-II)**CONSTRUCTION OF BLACK TOPPED ROAD FROM MAIN ROAD TO SADIQ BAKHAR UMAR
SUKHIYA ALIANNI VILLAGES****CG & NGC**

Chainage	Length(m)	Left	Right	Total Width	Average Width	Area
00+100	25.00	3.703	2.967	6.670	6.657	166.425
00+125	25.00	3.269	3.083	6.352	6.511	162.775
00+150	25.00	2.938	2.836	5.774	6.063	151.575
00+175	25.00	3.338	3.164	6.502	6.138	153.450
00+200	25.00	3.669	3.383	7.052	6.777	169.425
00+225	25.00	3.468	3.469	6.937	6.995	174.863
00+250	25.00	3.556	3.963	7.519	7.228	180.700
00+275	25.00	3.585	3.978	7.563	7.541	188.525
00+300	25.00	3.709	3.718	7.427	7.495	187.375
00+325	25.00	3.713	4.011	7.724	7.576	189.388
00+350	25.00	3.770	3.675	7.445	7.585	189.613
00+375	25.00	3.828	3.870	7.698	7.572	189.288
00+400	25.00	3.990	4.645	8.635	8.167	204.163
00+425	25.00	4.300	4.479	8.779	8.707	217.675
00+450	25.00	4.413	4.524	8.937	8.858	221.450
00+475	25.00	4.513	4.627	9.140	9.039	225.963
00+500	25.00	4.464	4.548	9.012	9.076	226.900
00+525	25.00	4.103	4.270	8.373	8.693	217.313
00+550	25.00	3.631	3.494	7.125	7.749	193.725
00+575	25.00	3.507	3.478	6.985	7.055	176.375
00+600	25.00	3.305	3.480	6.785	6.885	172.125
00+625	25.00	3.263	3.347	6.610	6.698	167.438
00+650	25.00	3.304	3.356	6.660	6.635	165.875
00+675	25.00	3.386	3.383	6.769	6.715	167.863
00+700	25.00	3.478	3.532	7.010	6.890	172.238
00+725	25.00	3.438	3.408	6.846	6.928	173.200
00+750	25.00	3.216	2.995	6.211	6.529	163.213
00+775	25.00	4.206	3.898	8.104	7.158	178.938
00+800	25.00	5.044	5.247	10.291	9.198	229.938
00+825	25.00	3.177	3.214	6.391	8.341	208.525
00+850	25.00	4.285	4.043	8.328	7.360	183.988
00+875	25.00	5.329	4.815	10.144	9.236	230.900
00+900	25.00	6.480	5.750	12.230	11.187	279.675
00+925	25.00	6.905	6.471	13.376	12.803	320.075
00+950	25.00	5.960	6.334	12.294	12.835	320.875
00+975	25.00	5.215	5.268	10.483	11.389	284.713
01+000	25.00	4.409	4.389	8.798	9.641	241.013
01+025	25.00	4.478	4.468	8.946	8.872	221.800
01+050	25.00	4.502	4.493	8.995	8.971	224.263
01+075	25.00	4.198	3.099	7.297	8.146	203.650
01+100	25.00	0.000	0.000	0.000	3.649	91.213
01+125	25.00	3.227	3.058	6.285	3.143	78.563
01+150	25.00	4.044	3.925	7.969	7.127	178.175
01+175	25.00	4.065	4.191	8.256	8.113	202.813
01+200	25.00	3.890	3.887	7.777	8.017	200.413
01+225	25.00	3.885	3.796	7.681	7.729	193.225
01+250	25.00	3.876	3.818	7.694	7.688	192.188
01+275	25.00	3.839	3.838	7.677	7.686	192.138
01+300	25.00	3.780	3.829	7.609	7.643	191.075
01+325	25.00	3.984	4.094	8.078	7.844	196.088

GWADAR LASBELA LIVELIHOODS SUPPORT PROJECT PHASE-II (GLLSP-II)**CONSTRUCTION OF BLACK TOPPED ROAD FROM MAIN ROAD TO SADIQ BAKHAR UMAR
SUKHIYA ALIANNI VILLAGES****CG & NGC**

Chainage	Length(m)	Left	Right	Total Width	Average Width	Area
01+350	25.00	4.425	4.496	8.921	8.500	212.488
01+375	25.00	4.565	4.811	9.376	9.149	228.713
01+400	25.00	4.582	4.928	9.510	9.443	236.075
01+425	25.00	4.854	5.013	9.867	9.689	242.213
01+450	25.00	5.225	5.071	10.296	10.082	252.038
01+475	25.00	5.240	4.984	10.224	10.260	256.500
01+500	25.00	4.173	5.002	9.175	9.700	242.488
01+525	25.00	5.228	5.731	10.959	10.067	251.675
01+550	25.00	5.328	5.869	11.197	11.078	276.950
01+575	25.00	4.952	4.998	9.950	10.574	264.338
						94859.728

GWADAR LASBELA LIVELIHOODS SUPPORT PROJECT PHASE-II (GLSP-II)

CONSTRUCTION OF BLACK TOPPED ROAD FROM MAIN ROAD TO SADIQ BAKHAR UMAR SUKHIYA ALIANNI VILLAGES

Earthwork (Cutting & Filling)

Chainage	Length(m)	Cut Area(Sq.m)	Average of cut Area(Sq.m)	Cut Volume(Cu.m)	Fill Area(Sq.m)	Average of fill Area(Sq.m)	Fill Volume(Cu.m)
00+000	0.00	1.410	0.000	0.000	0.000	0.000	0.000
00+025	25.00	0.000	0.705	17.625	9.420	4.710	117.750
00+050	25.00	0.000	0.000	0.000	11.590	10.505	262.625
00+075	25.00	0.000	0.000	0.000	10.000	10.795	269.875
00+100	25.00	0.000	0.000	0.000	9.210	9.605	240.125
00+125	25.00	0.000	0.000	0.000	11.790	10.500	262.500
00+150	25.00	0.000	0.000	0.000	13.180	12.485	312.125
00+175	25.00	0.000	0.000	0.000	10.240	11.710	292.750
00+200	25.00	0.000	0.000	0.000	10.440	10.340	258.500
00+225	25.00	0.000	0.000	0.000	11.630	11.035	275.875
00+250	25.00	0.000	0.000	0.000	9.680	10.655	266.375
00+275	25.00	0.000	0.000	0.000	10.090	9.885	247.125
00+300	25.00	0.000	0.000	0.000	18.940	14.515	362.875
00+325	25.00	0.000	0.000	0.000	14.400	16.670	416.750
00+350	25.00	0.000	0.000	0.000	9.350	11.875	296.875
00+375	25.00	0.000	0.000	0.000	9.160	9.255	231.375
00+400	25.00	0.000	0.000	0.000	10.640	9.900	247.500
00+425	25.00	0.000	0.000	0.000	8.910	9.775	244.375
00+450	25.00	0.000	0.000	0.000	10.540	9.725	243.125
00+475	25.00	0.000	0.000	0.000	11.640	11.090	277.250
00+500	25.00	0.000	0.000	0.000	12.000	11.820	295.500
00+525	25.00	0.000	0.000	0.000	11.510	11.755	293.875
00+550	25.00	0.000	0.000	0.000	15.740	13.625	340.625
00+575	25.00	0.000	0.000	0.000	17.890	16.815	420.375
00+600	25.00	0.000	0.000	0.000	18.620	18.255	456.375
00+625	25.00	0.000	0.000	0.000	17.630	18.125	453.125
00+650	25.00	0.000	0.000	0.000	19.540	18.585	464.625
00+675	25.00	0.000	0.000	0.000	19.410	19.475	486.875
00+700	25.00	0.000	0.000	0.000	16.400	17.905	447.625
00+725	25.00	0.000	0.000	0.000	9.580	12.990	324.750
00+750	25.00	0.000	0.000	0.000	10.010	9.795	244.875
00+775	25.00	0.000	0.000	0.000	15.150	12.580	314.500
00+800	25.00	0.000	0.000	0.000	15.230	15.190	379.750
00+825	25.00	0.000	0.000	0.000	6.800	11.015	275.375
00+850	25.00	0.000	0.000	0.000	2.730	4.765	119.125
00+875	25.00	0.000	0.000	0.000	2.730	2.730	68.250
00+900	25.00	0.000	0.000	0.000	2.230	2.480	62.000
00+925	25.00	0.050	0.025	0.625	1.070	1.650	41.250
00+950	25.00	0.000	0.025	0.625	2.830	1.950	48.750
00+975	25.00	0.000	0.000	0.000	3.790	3.310	82.750
01+000	25.00	0.000	0.000	0.000	4.680	4.235	105.875
01+025	25.00	0.000	0.000	0.000	5.700	5.190	129.750
01+050	25.00	0.000	0.000	0.000	6.270	5.985	149.625
01+075	25.00	0.000	0.000	0.000	7.040	6.655	166.375
01+100	25.00	0.000	0.000	0.000	15.970	11.505	287.625
01+125	25.00	0.000	0.000	0.000	14.760	15.365	384.125
01+150	25.00	0.000	0.000	0.000	12.640	13.700	342.500
01+175	25.00	0.000	0.000	0.000	12.530	12.585	314.625
01+200	25.00	0.000	0.000	0.000	4.210	8.370	209.250
01+225	25.00	3.260	1.630	40.750	0.000	2.105	52.625
01+250	25.00	0.050	1.655	41.375	0.860	0.430	10.750
01+275	25.00	0.000	0.025	0.625	5.700	3.280	82.000
01+300	25.00	0.000	0.000	0.000	2.770	4.235	105.875
01+325	25.00	0.000	0.000	0.000	2.160	2.465	61.625
01+350	25.00	0.000	0.000	0.000	2.820	2.490	62.250
01+375	25.00	0.000	0.000	0.000	2.440	2.630	65.750
01+400	25.00	0.000	0.000	0.000	1.460	1.950	48.750
01+425	25.00	0.000	0.000	0.000	2.450	1.955	48.875
01+450	25.00	0.000	0.000	0.000	5.860	4.155	103.875
01+475	25.00	0.000	0.000	0.000	4.650	5.255	131.375
01+500	25.00	0.000	0.000	0.000	2.950	3.800	95.000
01+525	25.00	0.000	0.000	0.000	4.360	3.655	91.375
01+550	25.00	0.000	0.000	0.000	5.030	4.695	117.375
01+575	25.00	0.000	0.000	0.000	4.330	4.680	117.000
01+600	25.00	0.000	0.000	0.000	4.760	4.545	113.625
01+625	25.00	0.000	0.000	0.000	4.560	4.660	116.500
01+650	25.00	0.000	0.000	0.000	6.250	5.405	135.125
01+675	25.00	0.000	0.000	0.000	6.100	6.175	154.375
01+700	25.00	0.000	0.000	0.000	6.240	6.170	154.250
01+725	25.00	0.000	0.000	0.000	7.210	6.725	168.125
01+750	25.00	0.000	0.000	0.000	7.590	7.400	185.000
01+775	25.00	0.000	0.000	0.000	8.050	7.820	195.500
01+800	25.00	0.000	0.000	0.000	9.850	8.950	223.750
01+825	25.00	0.000	0.000	0.000	5.300	7.575	189.375
01+850	25.00	0.000	0.000	0.000	5.230	5.265	131.625
01+875	25.00	0.000	0.000	0.000	2.140	3.685	92.125
01+900	25.00	0.000	0.000	0.000	2.720	2.430	60.750
01+925	25.00	0.000	0.000	0.000	1.620	2.170	54.250
01+950	25.00	0.000	0.000	0.000	3.440	2.530	63.250

GWADAR LASBELA LIVELIHOODS SUPPORT PROJECT PHASE-II (GLLSP-II)

CONSTRUCTION OF BLACK TOPPED ROAD FROM MAIN ROAD TO SADIQ BAKHAR UMAR SUKHIYA ALIANNI VILLAGES

Earthwork (Cutting & Filling)

Chainage	Length(m)	Cut Area(Sq.m)	Avrage of cut Area(Sq.m)	Cut Volume(Cu.m)	Fill Area(Sq.m)	Avrage of fill Area(Sq.m)	Fill Volume(Cu.m)
01+975	25.00	0.000	0.000	0.000	3.070	3.255	81.375
02+000	25.00	0.000	0.000	0.000	2.000	2.535	63.375
02+025	25.00	0.000	0.000	0.000	3.400	2.700	67.500
02+050	25.00	0.000	0.000	0.000	7.020	5.210	130.250
02+075	25.00	0.000	0.000	0.000	10.620	8.820	220.500
02+100	25.00	0.000	0.000	0.000	11.540	11.080	277.000
02+125	25.00	0.000	0.000	0.000	3.830	7.685	192.125
02+150	25.00	0.100	0.050	1.250	0.610	2.220	55.500
02+175	25.00	0.010	0.055	1.375	1.330	0.970	24.250
02+200	25.00	0.000	0.005	0.125	3.550	2.440	61.000
02+225	25.00	0.000	0.000	0.000	1.980	2.765	69.125
02+250	25.00	0.040	0.020	0.500	0.520	1.250	31.250
02+275	25.00	0.040	0.040	1.000	0.520	0.520	13.000
02+300	25.00	0.000	0.020	0.500	1.760	1.140	28.500
02+325	25.00	0.000	0.000	0.000	3.380	2.570	64.250
02+350	25.00	0.000	0.000	0.000	2.980	3.180	79.500
02+375	25.00	0.000	0.000	0.000	2.980	2.980	74.500
02+400	25.00	0.000	0.000	0.000	3.620	3.300	82.500
02+425	25.00	0.000	0.000	0.000	4.150	3.885	97.125
02+450	25.00	0.000	0.000	0.000	4.540	4.345	108.625
02+475	25.00	0.000	0.000	0.000	3.170	3.855	96.375
02+500	25.00	0.000	0.000	0.000	2.510	2.840	71.000
02+525	25.00	0.000	0.000	0.000	2.740	2.625	65.625
02+550	25.00	0.000	0.000	0.000	3.100	2.920	73.000
02+575	25.00	0.000	0.000	0.000	4.990	4.045	101.125
02+600	25.00	0.000	0.000	0.000	5.530	5.260	131.500
02+625	25.00	0.000	0.000	0.000	5.910	5.720	143.000
02+650	25.00	0.000	0.000	0.000	5.590	5.750	143.750
02+675	25.00	0.000	0.000	0.000	2.410	4.000	100.000
02+700	25.00	0.000	0.000	0.000	2.890	2.650	66.250
02+725	25.00	0.000	0.000	0.000	7.750	5.320	133.000
02+750	25.00	0.000	0.000	0.000	7.970	7.860	196.500
02+775	25.00	0.000	0.000	0.000	7.940	7.955	198.875
02+800	25.00	0.000	0.000	0.000	8.690	8.315	207.875
02+825	25.00	0.000	0.000	0.000	9.820	9.255	231.375
02+850	25.00	0.000	0.000	0.000	9.030	9.425	235.625
02+875	25.00	0.000	0.000	0.000	10.630	9.830	245.750
02+900	25.00	0.000	0.000	0.000	15.060	12.845	321.125
02+925	25.00	0.000	0.000	0.000	10.910	12.985	324.625
02+950	25.00	0.000	0.000	0.000	8.900	9.905	247.625
02+975	25.00	0.000	0.000	0.000	6.870	7.885	197.125
03+000	25.00	0.000	0.000	0.000	2.850	4.860	121.500
03+025	25.00	0.000	0.000	0.000	1.840	2.345	58.625
03+050	25.00	0.000	0.000	0.000	15.750	8.795	219.875
03+075	25.00	0.000	0.000	0.000	14.070	14.910	372.750
03+100	25.00	0.000	0.000	0.000	16.620	15.345	383.625
03+125	25.00	0.000	0.000	0.000	29.910	23.265	581.625
03+150	25.00	0.000	0.000	0.000	26.420	28.165	704.125
03+175	25.00	0.000	0.000	0.000	8.530	17.475	436.875
03+200	25.00	0.000	0.000	0.000	5.260	6.895	172.375
03+225	25.00	0.000	0.000	0.000	0.960	3.110	77.750
03+250	25.00	0.760	0.380	9.500	0.170	0.565	14.125
03+275	25.00	0.250	0.505	12.625	0.400	0.285	7.125
03+300	25.00	2.150	1.200	30.000	0.000	0.200	5.000
03+325	25.00	5.310	3.730	93.250	0.000	0.000	0.000
03+350	25.00	12.660	8.985	224.625	0.000	0.000	0.000
03+375	25.00	5.770	9.215	230.375	0.000	0.000	0.000
03+400	25.00	1.720	3.745	93.625	0.000	0.000	0.000
03+425	25.00	0.360	1.040	26.000	0.350	0.175	4.375
03+450	25.00	0.130	0.245	6.125	0.490	0.420	10.500
03+475	25.00	0.000	0.065	1.625	2.730	1.610	40.250
03+500	25.00	0.000	0.000	0.000	3.090	2.910	72.750
03+525	25.00	0.000	0.000	0.000	2.230	2.660	66.500
03+550	25.00	0.000	0.000	0.000	1.260	1.745	43.625
03+575	25.00	0.660	0.330	8.250	0.220	0.740	18.500
03+600	25.00	0.550	0.605	15.125	0.270	0.245	6.125
03+625	25.00	0.000	0.275	6.875	28.600	14.435	360.875
03+650	25.00	0.000	0.000	0.000	44.000	36.300	907.500
03+675	25.00	0.000	0.000	0.000	25.930	34.965	874.125
03+700	25.00	0.000	0.000	0.000	20.780	23.355	583.875
03+725	25.00	0.000	0.000	0.000	49.350	35.065	876.625
03+750	25.00	0.000	0.000	0.000	29.680	39.515	987.875
03+775	25.00	0.000	0.000	0.000	1.980	15.830	395.750
03+800	25.00	0.000	0.000	0.000	2.780	2.380	59.500
03+825	25.00	0.000	0.000	0.000	3.310	3.045	76.125
03+850	25.00	0.000	0.000	0.000	7.470	5.390	134.750
03+875	25.00	0.000	0.000	0.000	15.390	11.430	285.750
03+900	25.00	0.000	0.000	0.000	13.840	14.615	365.375
03+925	25.00	0.000	0.000	0.000	9.410	11.625	290.625

GWADAR LASBELA LIVELIHOODS SUPPORT PROJECT PHASE-II (GLSP-II)

CONSTRUCTION OF BLACK TOPPED ROAD FROM MAIN ROAD TO SADIQ BAKHAR UMAR SUKHIYA ALIANNI VILLAGES

Earthwork (Cutting & Filling)

Chainage	Length(m)	Cut Area(Sq.m)	Average of cut Area(Sq.m)	Cut Volume(Cu.m)	Fill Area(Sq.m)	Average of fill Area(Sq.m)	Fill Volume(Cu.m)
03+950	25.00	0.000	0.000	0.000	9.000	9.205	230.125
03+975	25.00	0.000	0.000	0.000	8.200	8.600	215.000
04+000	25.00	0.000	0.000	0.000	6.470	7.335	183.375
04+025	25.00	0.000	0.000	0.000	6.110	6.290	157.250
04+050	25.00	0.000	0.000	0.000	7.040	6.575	164.375
04+075	25.00	0.000	0.000	0.000	9.130	8.085	202.125
04+100	25.00	0.000	0.000	0.000	9.030	9.080	227.000
04+125	25.00	0.000	0.000	0.000	11.240	10.135	253.375
04+150	25.00	0.000	0.000	0.000	13.560	12.400	310.000
04+175	25.00	0.000	0.000	0.000	11.910	12.735	318.375
04+200	25.00	0.000	0.000	0.000	9.910	10.910	272.750
04+225	25.00	0.000	0.000	0.000	7.570	8.740	218.500
04+250	25.00	0.000	0.000	0.000	6.050	6.810	170.250
04+275	25.00	0.000	0.000	0.000	3.250	4.650	116.250
04+300	25.00	0.000	0.000	0.000	0.920	2.085	52.125
04+325	25.00	0.000	0.000	0.000	4.660	2.790	69.750
04+350	25.00	0.000	0.000	0.000	5.300	4.980	124.500
04+375	25.00	0.000	0.000	0.000	3.900	4.600	115.000
04+400	25.00	0.000	0.000	0.000	2.270	3.085	77.125
04+425	25.00	0.000	0.000	0.000	1.340	1.805	45.125
04+450	25.00	0.000	0.000	0.000	3.440	2.390	59.750
04+475	25.00	0.000	0.000	0.000	4.450	3.945	98.625
04+500	25.00	0.000	0.000	0.000	5.510	4.980	124.500
04+525	25.00	0.000	0.000	0.000	6.230	5.870	146.750
04+550	25.00	0.000	0.000	0.000	6.140	6.185	154.625
04+575	25.00	0.000	0.000	0.000	3.610	4.875	121.875
04+600	25.00	0.000	0.000	0.000	20.770	12.190	304.750
04+625	25.00	0.000	0.000	0.000	2.160	11.465	286.625
04+650	25.00	0.000	0.000	0.000	0.760	1.460	36.500
04+675	25.00	0.000	0.000	0.000	1.090	0.925	23.125
04+700	25.00	0.000	0.000	0.000	1.240	1.165	29.125
04+725	25.00	0.000	0.000	0.000	1.400	1.320	33.000
04+750	25.00	0.000	0.000	0.000	1.240	1.320	33.000
04+775	25.00	0.000	0.000	0.000	1.200	1.220	30.500
04+800	25.00	0.000	0.000	0.000	1.250	1.225	30.625
04+825	25.00	0.000	0.000	0.000	2.010	1.630	40.750
04+850	25.00	0.000	0.000	0.000	3.750	2.880	72.000
04+875	25.00	0.000	0.000	0.000	5.540	4.645	116.125
04+900	25.00	0.000	0.000	0.000	4.450	4.995	124.875
04+925	25.00	0.000	0.000	0.000	4.690	4.570	114.250
04+950	25.00	0.000	0.000	0.000	7.940	6.315	157.875
04+975	25.00	0.000	0.000	0.000	9.680	8.810	220.250
05+000	25.00	0.000	0.000	0.000	10.620	10.150	253.750
05+025	25.00	0.000	0.000	0.000	10.380	10.500	262.500
05+050	25.00	0.000	0.000	0.000	11.370	10.875	271.875
05+075	25.00	0.000	0.000	0.000	17.030	14.200	355.000
05+100	25.00	0.000	0.000	0.000	18.280	17.655	441.375
05+125	25.00	0.000	0.000	0.000	15.700	16.990	424.750
05+150	25.00	0.000	0.000	0.000	10.440	13.070	326.750
05+175	25.00	0.000	0.000	0.000	11.510	10.975	274.375
05+200	25.00	0.000	0.000	0.000	13.090	12.300	307.500
05+225	25.00	0.000	0.000	0.000	14.910	14.000	350.000
05+250	25.00	0.000	0.000	0.000	16.520	15.715	392.875
05+275	25.00	0.000	0.000	0.000	18.480	17.500	437.500
05+300	25.00	0.000	0.000	0.000	16.540	17.510	437.750
05+325	25.00	0.000	0.000	0.000	14.800	15.670	391.750
05+350	25.00	0.000	0.000	0.000	12.390	13.595	339.875
05+375	25.00	0.000	0.000	0.000	9.250	10.820	270.500
05+400	25.00	0.000	0.000	0.000	8.070	8.660	216.500
05+425	25.00	0.000	0.000	0.000	13.120	10.595	264.875
05+450	25.00	0.000	0.000	0.000	14.590	13.855	346.375
05+475	25.00	0.000	0.000	0.000	13.300	13.945	348.625
05+500	25.00	0.000	0.000	0.000	10.810	12.055	301.375
05+525	25.00	0.000	0.000	0.000	8.390	9.600	240.000
05+550	25.00	0.000	0.000	0.000	5.210	6.800	170.000
05+575	25.00	0.000	0.000	0.000	3.420	4.315	107.875
05+600	25.00	0.000	0.000	0.000	5.190	4.305	107.625
05+625	25.00	0.000	0.000	0.000	8.740	6.965	174.125
05+650	25.00	0.000	0.000	0.000	4.780	6.760	169.000
05+675	25.00	0.000	0.000	0.000	8.320	6.550	163.750
05+700	25.00	0.000	0.000	0.000	16.450	12.385	309.625
05+725	25.00	0.000	0.000	0.000	6.110	11.280	282.000
05+750	25.00	0.020	0.010	0.250	0.740	3.425	85.625
05+775	25.00	0.820	0.420	10.500	0.170	0.455	11.375
05+800	25.00	0.590	0.705	17.625	0.290	0.230	5.750
05+825	25.00	0.000	0.295	7.375	1.120	0.705	17.625
05+850	25.00	0.000	0.000	0.000	3.760	2.440	61.000
05+875	25.00	0.000	0.000	0.000	3.380	3.570	89.250
05+900	25.00	0.000	0.000	0.000	3.580	3.480	87.000

GWADAR LASBELA LIVELIHOODS SUPPORT PROJECT PHASE-II (GLLSP-II)

CONSTRUCTION OF BLACK TOPPED ROAD FROM MAIN ROAD TO SADIQ BAKHAR UMAR SUKHIYA ALIANNI VILLAGES

Earthwork (Cutting & Filling)

Chainage	Length(m)	Cut Area(Sq.m)	Avrage of cut Area(Sq.m)	Cut Volume(Cu.m)	Fill Area(Sq.m)	Avrage of fill Area(Sq.m)	Fill Volume(Cu.m)
05+925	25.00	0.000	0.000	0.000	3.610	3.595	89.875
05+950	25.00	0.000	0.000	0.000	4.070	3.840	96.000
05+975	25.00	0.000	0.000	0.000	3.230	3.650	91.250
06+000	25.00	0.000	0.000	0.000	3.090	3.160	79.000
06+025	25.00	0.000	0.000	0.000	3.260	3.175	79.375
06+050	25.00	0.000	0.000	0.000	3.690	3.475	86.875
06+075	25.00	0.000	0.000	0.000	3.880	3.785	94.625
06+100	25.00	0.000	0.000	0.000	3.880	3.880	97.000
06+125	25.00	0.000	0.000	0.000	3.810	3.845	96.125
06+150	25.00	0.000	0.000	0.000	4.530	4.170	104.250
06+175	25.00	0.000	0.000	0.000	5.270	4.900	122.500
06+200	25.00	0.000	0.000	0.000	6.080	5.675	141.875
06+225	25.00	0.000	0.000	0.000	6.790	6.435	160.875
06+250	25.00	0.000	0.000	0.000	6.750	6.770	169.250
06+275	25.00	0.000	0.000	0.000	6.830	6.790	169.750
06+300	25.00	0.000	0.000	0.000	8.230	7.530	188.250
06+325	25.00	0.000	0.000	0.000	7.610	7.920	198.000
06+350	25.00	0.000	0.000	0.000	6.610	7.110	177.750
06+375	25.00	0.000	0.000	0.000	6.370	6.490	162.250
06+400	25.00	0.000	0.000	0.000	7.310	6.840	171.000
06+425	25.00	0.000	0.000	0.000	7.720	7.515	187.875
06+450	25.00	0.000	0.000	0.000	8.420	8.070	201.750
06+475	25.00	0.000	0.000	0.000	10.100	9.260	231.500
06+500	25.00	0.000	0.000	0.000	8.500	9.300	232.500
06+525	25.00	0.000	0.000	0.000	8.810	8.655	216.375
06+550	25.00	0.000	0.000	0.000	6.860	7.835	195.875
06+575	25.00	0.000	0.000	0.000	4.880	5.870	146.750
06+600	25.00	0.000	0.000	0.000	4.300	4.590	114.750
06+625	25.00	0.000	0.000	0.000	4.180	4.240	106.000
06+650	25.00	0.000	0.000	0.000	4.640	4.410	110.250
06+675	25.00	0.000	0.000	0.000	5.410	5.025	125.625
06+700	25.00	0.000	0.000	0.000	4.580	4.995	124.875
06+725	25.00	0.000	0.000	0.000	4.020	4.300	107.500
06+750	25.00	0.000	0.000	0.000	3.350	3.685	92.125
06+775	25.00	0.000	0.000	0.000	2.760	3.055	76.375
06+800	25.00	0.000	0.000	0.000	3.880	3.320	83.000
06+825	25.00	0.000	0.000	0.000	4.040	3.960	99.000
06+850	25.00	0.000	0.000	0.000	2.880	3.460	86.500
06+875	25.00	0.000	0.000	0.000	2.680	2.780	69.500
06+900	25.00	0.000	0.000	0.000	2.840	2.760	69.000
06+925	25.00	0.000	0.000	0.000	3.860	3.350	83.750
06+950	25.00	0.000	0.000	0.000	4.970	4.415	110.375
06+975	25.00	0.000	0.000	0.000	4.650	4.810	120.250
07+000	25.00	0.000	0.000	0.000	5.690	5.170	129.250
07+025	25.00	0.000	0.000	0.000	6.880	6.285	157.125
07+050	25.00	0.000	0.000	0.000	7.180	7.030	175.750
07+075	25.00	0.000	0.000	0.000	6.420	6.800	170.000
07+100	25.00	0.000	0.000	0.000	2.810	4.615	115.375
07+125	25.00	0.000	0.000	0.000	5.910	4.360	109.000
07+150	25.00	0.000	0.000	0.000	7.150	6.530	163.250
07+175	25.00	0.000	0.000	0.000	8.640	7.895	197.375
07+200	25.00	0.000	0.000	0.000	11.150	9.895	247.375
07+225	25.00	0.000	0.000	0.000	16.910	14.030	350.750
07+250	25.00	0.000	0.000	0.000	19.120	18.015	450.375
07+275	25.00	0.000	0.000	0.000	16.080	17.600	440.000
07+300	25.00	0.000	0.000	0.000	16.950	16.515	412.875
07+325	25.00	0.000	0.000	0.000	19.560	18.255	456.375
07+350	25.00	0.000	0.000	0.000	22.320	20.940	523.500
07+375	25.00	0.000	0.000	0.000	22.490	22.405	560.125
07+400	25.00	0.000	0.000	0.000	20.710	21.600	540.000
07+425	25.00	0.000	0.000	0.000	19.860	20.285	507.125
07+450	25.00	0.000	0.000	0.000	21.440	20.650	516.250
07+475	25.00	0.000	0.000	0.000	22.540	21.990	549.750
07+500	25.00	0.000	0.000	0.000	18.560	20.550	513.750
07+525	25.00	0.000	0.000	0.000	18.110	18.335	458.375
07+550	25.00	0.000	0.000	0.000	15.960	17.035	425.875
07+575	25.00	0.000	0.000	0.000	13.940	14.950	373.750
07+600	25.00	0.000	0.000	0.000	18.700	16.320	408.000
07+625	25.00	0.000	0.000	0.000	23.680	21.190	529.750
Link Road 1							
00+000	0.00	1.630	0.000	0.000	0.000	0.000	0.000
00+025	25.00	0.000	0.815	20.375	6.140	3.070	76.750
00+050	25.00	0.000	0.000	0.000	5.100	5.620	140.500
00+075	25.00	0.000	0.000	0.000	4.720	4.910	122.750
00+100	25.00	0.000	0.000	0.000	4.110	4.415	110.375
00+125	25.00	0.000	0.000	0.000	2.570	3.340	83.500
00+150	25.00	0.000	0.000	0.000	1.680	2.125	53.125
00+175	25.00	0.000	0.000	0.000	1.850	1.765	44.125

GWADAR LASBELA LIVELIHOODS SUPPORT PROJECT PHASE-II (GLLSP-II)

CONSTRUCTION OF BLACK TOPPED ROAD FROM MAIN ROAD TO SADIQ BAKHAR UMAR SUKHIYA ALIANNI VILLAGES

Earthwork (Cutting & Filling)

Chainage	Length(m)	Cut Area(Sq.m)	Avrage of cut Area(Sq.m)	Cut Volume(Cu.m)	Fill Area(Sq.m)	Avrage of fill Area(Sq.m)	Fill Volume(Cu.m)
00+200	25.00	0.000	0.000	0.000	1.590	1.720	43.000
00+225	25.00	0.030	0.015	0.375	0.930	1.260	31.500
00+250	25.00	0.050	0.040	1.000	0.920	0.925	23.125
00+275	25.00	0.060	0.055	1.375	1.040	0.980	24.500
00+300	25.00	0.030	0.045	1.125	1.100	1.070	26.750
00+325	25.00	0.010	0.020	0.500	0.650	0.875	21.875
00+350	25.00	0.120	0.065	1.625	0.690	0.670	16.750
00+375	25.00	0.040	0.080	2.000	0.780	0.735	18.375
00+400	25.00	0.090	0.065	1.625	0.530	0.655	16.375
00+425	25.00	0.000	0.045	1.125	1.260	0.895	22.375
00+450	25.00	0.000	0.000	0.000	3.630	2.445	61.125
00+475	25.00	0.000	0.000	0.000	7.460	5.545	138.625
00+500	25.00	0.000	0.000	0.000	9.280	8.370	209.250
00+525	25.00	0.000	0.000	0.000	7.570	8.425	210.625
00+550	25.00	0.000	0.000	0.000	3.010	5.290	132.250
00+575	25.00	0.210	0.105	2.625	0.420	1.715	42.875
00+600	25.00	0.090	0.150	3.750	0.530	0.475	11.875
00+625	25.00	0.150	0.120	3.000	0.330	0.430	10.750
00+650	25.00	0.010	0.080	2.000	1.050	0.690	17.250
00+675	25.00	0.000	0.005	0.125	2.090	1.570	39.250
00+700	25.00	0.000	0.000	0.000	2.700	2.395	59.875
00+725	25.00	0.000	0.000	0.000	3.800	3.250	81.250
00+750	25.00	0.000	0.000	0.000	3.340	3.570	89.250
00+775	25.00	0.000	0.000	0.000	2.130	2.735	68.375
00+800	25.00	0.000	0.000	0.000	10.250	6.190	154.750
00+825	25.00	0.000	0.000	0.000	7.040	8.645	216.125
00+850	25.00	0.000	0.000	0.000	6.610	6.825	170.625
00+875	25.00	0.000	0.000	0.000	3.570	5.090	127.250
Link Road 2							
00+000	0.00	1.750	0.000	0.000	0.000	0.000	0.000
00+025	25.00	0.000	0.875	21.875	5.710	2.855	71.375
00+050	25.00	0.000	0.000	0.000	2.500	4.105	102.625
00+075	25.00	0.010	0.005	0.125	0.650	1.575	39.375
00+100	25.00	0.260	0.135	3.375	0.560	0.605	15.125
00+125	25.00	0.890	0.575	14.375	0.270	0.415	10.375
00+150	25.00	1.150	1.020	25.500	0.080	0.175	4.375
00+175	25.00	0.330	0.740	18.500	0.390	0.235	5.875
00+200	25.00	0.000	0.165	4.125	0.830	0.610	15.250
00+225	25.00	0.000	0.000	0.000	0.960	0.895	22.375
00+250	25.00	0.000	0.000	0.000	1.660	1.310	32.750
00+275	25.00	0.000	0.000	0.000	1.850	1.755	43.875
00+300	25.00	0.000	0.000	0.000	1.830	1.840	46.000
00+325	25.00	0.000	0.000	0.000	2.000	1.915	47.875
00+350	25.00	0.000	0.000	0.000	1.700	1.850	46.250
00+375	25.00	0.000	0.000	0.000	2.400	2.050	51.250
00+400	25.00	0.000	0.000	0.000	3.320	2.860	71.500
00+425	25.00	0.000	0.000	0.000	4.310	3.815	95.375
00+450	25.00	0.000	0.000	0.000	4.440	4.375	109.375
00+475	25.00	0.000	0.000	0.000	4.780	4.610	115.250
00+500	25.00	0.000	0.000	0.000	5.060	4.920	123.000
00+525	25.00	0.000	0.000	0.000	3.790	4.425	110.625
00+550	25.00	0.000	0.000	0.000	1.390	2.590	64.750
00+575	25.00	0.000	0.000	0.000	1.040	1.215	30.375
00+600	25.00	0.030	0.015	0.375	0.660	0.850	21.250
00+625	25.00	0.050	0.040	1.000	0.500	0.580	14.500
00+650	25.00	0.020	0.035	0.875	0.560	0.530	13.250
00+675	25.00	0.000	0.010	0.250	0.690	0.625	15.625
00+700	25.00	0.000	0.000	0.000	1.110	0.900	22.500
00+725	25.00	0.000	0.000	0.000	0.730	0.920	23.000
00+750	25.00	0.490	0.245	6.125	0.280	0.505	12.625
00+775	25.00	0.000	0.245	6.125	3.090	1.685	42.125
00+800	25.00	0.000	0.000	0.000	8.740	5.915	147.875
00+825	25.00	0.350	0.175	4.375	0.350	4.545	113.625
00+850	25.00	0.000	0.175	4.375	3.530	1.940	48.500
00+875	25.00	0.000	0.000	0.000	8.350	5.940	148.500
00+900	25.00	0.000	0.000	0.000	14.530	11.440	286.000
00+925	25.00	0.000	0.000	0.000	18.800	16.665	416.625
00+950	25.00	0.000	0.000	0.000	13.990	16.395	409.875
00+975	25.00	0.000	0.000	0.000	8.480	11.235	280.875
01+000	25.00	0.000	0.000	0.000	4.430	6.455	161.375
01+025	25.00	0.000	0.000	0.000	4.930	4.680	117.000
01+050	25.00	0.000	0.000	0.000	5.000	4.965	124.125
01+075	25.00	0.030	0.015	0.375	1.470	3.235	80.875
01+100	25.00	1.620	0.825	20.625	0.000	0.735	18.375
01+125	25.00	0.390	1.005	25.125	0.320	0.160	4.000
01+150	25.00	0.000	0.195	4.875	2.690	1.505	37.625
01+175	25.00	0.000	0.000	0.000	3.480	3.085	77.125
01+200	25.00	0.000	0.000	0.000	2.470	2.975	74.375

GWADAR LASBELA LIVELIHOODS SUPPORT PROJECT PHASE-II (GLLSP-II)

CONSTRUCTION OF BLACK TOPPED ROAD FROM MAIN ROAD TO SADIQ BAKHAR UMAR SUKHIYA ALIANNI VILLAGES

Earthwork (Cutting & Filling)

Chainage	Length(m)	Cut Area(Sq.m)	Avrage of cut Area(Sq.m)	Cut Volume(Cu.m)	Fill Area(Sq.m)	Avarge of fill Area(Sq.m)	Fill Volume(Cu.m)
01+225	25.00	0.000	0.000	0.000	2.320	2.395	59.875
01+250	25.00	0.000	0.000	0.000	2.340	2.330	58.250
01+275	25.00	0.000	0.000	0.000	2.280	2.310	57.750
01+300	25.00	0.000	0.000	0.000	2.200	2.240	56.000
01+325	25.00	0.000	0.000	0.000	3.150	2.675	66.875
01+350	25.00	0.000	0.000	0.000	4.980	4.065	101.625
01+375	25.00	0.000	0.000	0.000	6.580	5.780	144.500
01+400	25.00	0.000	0.000	0.000	7.070	6.825	170.625
01+425	25.00	0.000	0.000	0.000	7.910	7.490	187.250
01+450	25.00	0.000	0.000	0.000	8.360	8.135	203.375
01+475	25.00	0.000	0.000	0.000	8.240	8.300	207.500
01+500	25.00	0.000	0.000	0.000	8.710	8.475	211.875
01+525	25.00	0.000	0.000	0.000	12.420	10.565	264.125
01+550	25.00	0.000	0.000	0.000	14.080	13.250	331.250
01+575	25.00	0.000	0.000	0.000	5.124	9.602	240.050
Length(m)	10075.00		Cut Volume(Cu.m)	1105.125		Fill Volume(Cu.m)	70129.675

GWADAR LASBELA LIVELIHOODS SUPPORT PROJECT PHASE-II (GLLSP-II)

**CONSTRUCTION OF BLACK TOPPED ROAD FROM MAIN ROAD TO SADIQ BAKHAR
UMAR SUKHIYA ALIANNI VILLAGES**

BILL#2

SUB BASE & BASE

GWADAR LASBELA LIVELIHOODS SUPPORT PROJECT PHASE-II (GLLSP-II)
CONSTRUCTION OF BLACK TOPPED ROAD FROM MAIN ROAD TO SADIQ BAKHAR UMAR
SUKHIYA ALIANNI VILLAGES
ESTIMATE CSR 2023

S.No	Description	Unit	Rate	QTY	AMOUNT
BILL NO. 2: SUB BASE					
1	Providing and laying pitrun gravel in sub base or base course of any thickness to required grade and camber including watering and compacting with road roller with all lead and lift. (compacted thickness to be measured)(including royalty of approved Quarry). (S.i No 21-15b)	Cum		6,553.72	
	Carriage of 100 Cft. (2.83 cu.m) of all materials like Clay, stone aggregate, spawl, kankar lime (unslaked), surkhi, etc. or 150 Cft. (4.25 cu.m) of timber, by truck or by any other means owned by the contractor. 25 % Extra to be paid for hilly area, 25% Extra for Hard Area, 20% more for Kucha Road, 15% more for desert road (S.i.No 1J) Upto 10th Km	Cum		6553.72	
	(S.i.No 1K) 11 to 22nd Km	Cum		6553.72	
2	Providing and laying graded aggregate base course of crushed stone of approved quality, including placing, mixing, spreading, watering and compacting base course to required depth, camber and grade to achieve 100% max. modified AASHTO dry density conforming to AASHTO specifications T -180, with mechanical means and with all lead and lift. (Carriage of crushed stone is included in the rate, within 5km of Project premises) (S.i No 21-17-1)	Cum		8,664.15	
	Carriage of 100 Cft. (2.83 cu.m) of all materials like Clay, stone aggregate, spawl, kankar lime (unslaked), surkhi, etc. or 150 Cft. (4.25 cu.m) of timber, by truck or by any other means owned by the contractor. 25 % Extra to be paid for hilly area, 25% Extra for Hard Area, 20% more for Kucha Road, 15% more for desert road (S.i.No 1J) Upto 10th Km	Cum		8664.15	
	(S.i.No 1K) 11 to 22nd Km	Cum		8664.15	
Sub.Total					
Above/ below _____ % Premium if any on CSR 2023					
G.Total					

Detail Quantities

S.NO	Description	Unit	No,s	Granular sub base						Remarks
				Chainage (Km)		L (M)	W (M)	H (M)	Qty (Cum)	
				From	To					
1	Granular sub base	Cum	1	00+000	07+625	7625	4.2112	0.15	4816.59	Main Road
2	"	Cum	1	00+000	00+875	875	4.2112	0.15	552.72	Link Road-1
3	"	Cum	1	01+575	03+450	1875	4.2112	0.15	1184.41	Link Road-2
Total									6553.72	

Detail Quantities

S.NO	Description	Unit	No,s	Sggregate Base Course						Remarks
				Chainage (Km)		L (M)	W (M)	H (M)	Qty (Cum)	
				From	To					
1	Aggregate Base	Cum	1	00+000	07+625	7625	3.905	0.15	4466.46	Main Road
2	"	Cum	2	00+000	07+625	7625	0.914	0.15	2090.78	Shoulders
3	"	Cum	1	00+000	00+875	875	3.905	0.150	512.54	Link Road-1
4	"	Cum	2	00+000	00+875	875	0.914	0.150	239.93	Shoulders
5	"	Cum	1	00+000	01+575	1575	3.905	0.15	922.58	Link Road-2
6	"	Cum	2	00+000	01+575	1575	0.914	0.15	431.87	Shoulders
Total									8664.15	

GWADAR LASBELA LIVELIHOODS SUPPORT PROJECT PHASE-II (GLLSP-II)
CONSTRUCTION OF BLACK TOPPED ROAD FROM MAIN ROAD TO
SADIQ BAKHAR UMAR SUKHIYA ALIANNI VILLAGES

BILL#3

SURFACING

GWADAR LASBELA LIVELIHOODS SUPPORT PROJECT PHASE-II (GLLSP-II)

**CONSTRUCTION OF BLACK TOPPED ROAD FROM MAIN ROAD TO SADIQ BAKHAR UMAR
SUKHIYA ALIANNI VILLAGES**

ESTIMATE CSR 2023

Sr. No.	Description of Item	Unit	Rate	QTY	Amount
BILL NO. 3: SURFACING					
1	Providing and applying prime coat of liquid asphalt (cut back) of any approved grade using asphalt (cut back) including cleaning and brooming of road surface.(S.I.No. 21-23-a)	Sqm		37801.81	
2	Providing and laying hot-mix bituminous concrete in road pavement laid with mechanical paver and mixed in central mixing plant in required thickness and density, rolled hot with different types of rollers complete as per specifications and job-mix formula and design in single layer Asphalt Wearing Course 50mm (2") thickness.(S.I.No. 21-32 c) - (Detection for Tack Coat 21-24-1)-153.13	Sqm		37287.78	
3	Surface dressing in two coats including supply of bitumen 80/100 or any approved grade and approved crushed aggregate of approved size and grade for road surface with rolling (including royalty of Quarry). D.S.T Shoulders (S.I.No. 21-20)	Sqm		18417.10	
Sub.Total					
Above/ below _____ % Premium if any on CSR 2023					
G.Total					

GWADAR LASBELA LIVELIHOODS SUPPORT PROJECT PHASE-II (GLLSP-II)
CONSTRUCTION OF BLACK TOPPED ROAD FROM MAIN ROAD TO SADIQ BAKHAR
UMAR SUKHIYA ALIANNI VILLAGES

Detail Quantities

Prime Coat

S.No	Description	Unit	No,s	Chainage (Km)		L (M)	Width (M)	Quantity (Sqm)	Remarks
				From	To				
1	Prime Coat	Sqm	1	00+000	07+625	7625	3.752	28609	Main Road
2	"	Sqm	1	00+000	00+875	875	3.752	3283	Link Road-1
3	"	Sqm	1	00+000	01+575	1575	3.752	5909	Link Road-2
G.Total								37801.81	

CONSTRUCTION OF BLACK TOPPED ROAD FROM MAIN ROAD TO SADIQ BAKHAR UMAR SUKHIYA ALIANNI VILLAGES

Asphalt Wearing Course

S.No	Description	Unit	No,s	Chainage (Km)		L (M)	Width (M)	Quantity (Sqm)	Remarks
				From	To				
1	Asphlat Wering Course	Sqm	1	00+000	07+625	7625	3.701	28220	Main Road
2	"	Sqm	1	00+000	00+875	875	3.701	3238	Link Road-1
3	"	Sqm	1	00+000	01+575	1575	3.701	5829	Link Road-2
G.Total								37287.78	

GWADAR LASBELA LIVELIHOODS SUPPORT PROJECT PHASE-II (GLLSP-II)
CONSTRUCTION OF BLACK TOPPED ROAD FROM MAIN ROAD TO SADIQ BAKHAR
UMAR SUKHIYA ALIANNI VILLAGES

Detail Quantities

D.S.T

S.No	Description	Unit	No,s	Chainage (Km)		L (M)	Width (M)	Quantity (Sqm)	Remarks
				From	To				
1	D.S.T	Sqm	2	00+000	07+625	7625	0.914	13939	Shoulder Both Side
2	"	Sqm	2	00+000	00+875	875	0.914	1600	Link Road-1 Shoulder Both Side
3	"	Sqm	2	00+000	01+575	1575	0.914	2879	Link Road-2 Shoulder Both Side
G.Total								18417.10	

GWADAR LASBELA LIVELIHOODS SUPPORT PROJECT PHASE-II (GLLSP-II)

**CONSTRUCTION OF BLACK TOPPED ROAD FROM MAIN ROAD TO SADIQ BAKHAR
UMAR SUKHIYA ALIANNI VILLAGES**

BILL#5

ANCILLARY

WORKS

GWADAR LASBELA LIVELIHOODS SUPPORT PROJECT PHASE-II (GLLSP-II)
CONSTRUCTION OF BLACK TOPPED ROAD FROM MAIN ROAD TO SADIQ BAKHAR UMAR
SUKHIYA ALIANNI VILLAGES

BILL OF QUANTITIES

BILL NO. 5: ANCILLARY WORKS

S.No	Description of items	Unit	Rate	Quantity	Amount
1	Providing and fixing road sign boards such as caution etc as approved by the Engineer with reflective paints, having superficial area of 1.125 sq.m including cost of post etc. (S.I.# 21-84-1)	Each		8.0	
2	P/L Road Marking With Recflective TP Thermoplastic) paint for lines of 12.50 cm width. (YELLOW) (S.I.# 17-50-1)	R M		17730.0	
5	P/L Road Marking With Recflective TP Thermoplastic) paint for 4 meters arrows. (S.I.# 17-50-1)	R m		18.0	
6	Reflectorized Plastic Pavement Stud (Raised Profile Type - Double) (S.I.# 21-86 b)	Each		2450.0	
7	Providing and fixing 6" x 6" x 30" (150mm x 150mm x 750mm) precast 1:2:4 cement concrete boundary pillars using graded crushed aggregate embedded in cement concrete 1:4:8 including formwork and its removal, compacting and curing including cost of excavation. (including royalty of Quarry). (S.I.# 21-53-1)	Each		18.0	
8	Providing and fixing 9" x 4" x 30" (230mm x 100mm x 750mm) precast 1:2:4 cement concrete kilometer stone using graded screened bajri, embedded in cement concrete 1:4:8, formwork and its removal, compacting and curing including the cost of excavation, cement cost 1:4:8 backfilling of excavated stuff, cement plaster with 1:3 cement engraving and writing letters of approved size, painting two coats as desired. (S.I.# 21-55-1)	Each		9.0	
TOTAL Amount (Rs.)					
Above/ below _____ % Premium if any on CSR 2023					
G.Total					

GWADAR LASBELA LIVELIHOODS SUPPORT PROJECT PHASE-II (GLLSP-II)
CONSTRUCTION OF BLACK TOPPED ROAD FROM MAIN ROAD TO SADIQ BAKHAR UMAR SUKHIYA
ALIANNI VILLAGES
DETAIL

Pavement Marking

S. No.	Description	Unit	No,s	Chainage (Km)		L (M)	Qty (M)	Remarks
				From	To			
1	P/L Road Marking With Reflective TP Thermoplastic) paint for lines of 12.50 cm width. (YELLOW)	M	2	00+000	07+265	7265	14530.0	Both sides full length Main Road
2	"	M	2	00+000	00+575	575	1150.0	Both sides full length Link Road-1
3	"	M	2	00+000	01+025	01+025	2050.0	Both sides full length Link Road-2
		Total					17730.0	

GWADAR LASBELA LIVELIHOODS SUPPORT PROJECT PHASE-II (GLLSP-II)
CONSTRUCTION OF BLACK TOPPED ROAD FROM MAIN ROAD TO SADIQ BAKHAR UMAR SUKHIYA
ALIANNI VILLAGES
DETAIL

Pavement Marking

S. No.	Description	Unit	No,s	Chainage (Km)		L (M)	Qty (M)	Remarks
				From	To			
1	P/L Road Marking With Reflective TP Thermoplastic) paint for lines of 12.50 cm width.(WHITE Arrows)	M	3			2	6.0	Arrows
2	"	M	3			2	6.0	Link Road-1
3	"	M	3			2	6.0	Link Road-2
		Total					18.0	

GWADAR LASBELA LIVELIHOODS SUPPORT PROJECT PHASE-II (GLLSP-II)
CONSTRUCTION OF BLACK TOPPED ROAD FROM MAIN ROAD TO SADIQ BAKHAR UMAR SUKHIYA
ALIANNI VILLAGES

DETAIL ESTIMATE

Reflectorized Pavement Stud (Raised Profile Type-Double)

S No.	Description	Unit	No,s	Chainage (Km)		L (M)	Qty (M)	Remarks
				From	To			
1	Main Road	Each	2	00+000	07+265	7265	1816	In 2 Rows having 8m interval Main Road
2	Crossing	Each	2		00+875	7.32	7.0	In 2 Rows having 3m interval
3	Link Road-1	Each	2	00+000		875	219	In 2 Rows having 8m interval Link Road
4	Crossing	Each	2			7.32	7.0	In 2 Rows having 3m interval
5	Link Road-2	Each	2	00+000	01+575	1575	394	In 2 Rows having 8m interval Link Road
6	Crossing	Each	2			7.32	7.0	In 2 Rows having 3m interval
	Total						2450	

S No.	Description	Unit	Chainage (Km)		L (M)	No,s	Qty (M)	Remarks
			From	To				
1	Main Rod	Each	00+000	07+265	7265	7	14	1 Km interval Both Side
2	Link Road-1	Each	00+000	00+575	575	1	2	1 Km interval Both Side
3	Link Road-2	Each	00+000	01+025	1025	1	2	1 Km interval Both Side
Total							18	

CONSTRUCTION OF BLACK TOPPED ROAD FROM MAIN ROAD TO SADIQ BAKHAR UMAR SUKHIYA ALIANNI VILLAGES

Kilometer post (230mm x 100mm x 750mm)

S No.	Description	Unit	Chainage (Km)		L (M)	No,s	Qty (M)	Remarks
			From	To				
1	Kilometer post	Each	00+000	07+265	7265	7	7	1 Km interval
2	"	Each	00+000	00+575	575	1	1	1 Km interval
3	"	Each	00+000	01+025	1025	1	1	1 Km interval
Total							9	

GWADAR LASBELA LIVELIHOODS SUPPORT PROJECT PHASE-II (GLLSP-II)
CONSTRUCTION OF BLACK TOPPED ROAD FROM MAIN ROAD TO SADIQ BAKHAR
UMAR SUKHIYA ALIANNI VILLAGES

STRUCTURES

WORKS

GWADAR LASBELA LIVELIHOODS SUPPORT PROJECT PHASE-II (GLLSP-II)

**CONSTRUCTION OF BLACK TOPPED ROAD FROM MAIN ROAD TO SADIQ BAKHAR UMAR SUKHIYA
ALIANNI VILLAGES**

STRUCTURE WORKS

S.NO	DESCRIPTION	Unit	Qty.	AMOUNT PK RS.
1	RCC Box Culverts	No	30	131,322,263
2	RCC Pipe Culverts	No	5	4,522,341
3	Stone Massonry Retaining Wall	RM	40	1,946,208
4	RCC wall	RM	36	4,040,711
5	PCC Wall	RM	52	2,173,579
7	PCC Side Drain	RM	57	391,283
8	PCC Parapet Walls	No	26	229,668
TOTAL				144,626,054

GWADAR LASBELA LIVELIHOODS SUPPORT PROJECT PHASE-II (GLLSP-II)

**CONSTRUCTION OF BLACK TOPPED ROAD FROM MAIN ROAD TO SADIQ BAKHAR UMAR SUKHIYA ALIANNI
VILLAGES**

DETAIL OF BOX CULVERTS

GWADAR LASBELA LIVELIHOODS SUPPORT PROJECT PHASE-II (GLLSP-II)

CONSTRUCTION OF BLACK TOPPED ROAD FROM MAIN ROAD TO SADIQ BAKHAR UMAR SUKHIYA ALIANNI VILLAGES

S.NO	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT PK RS.
A.	STRUCTURE WORK				
	<u>BOX CULVERT</u>				
1	RCC Box Culvert (1 x 1 x 1 M)	No.	15	1,927,968	28,919,517
2	RCC Box Culvert (1 x 2 x 1 M)	No.	1	2,441,041	2,441,041
3	RCC Box Culvert (1 x 3 x 1 M)	No.	2	2,953,760	5,907,519
4	RCC Box Culvert (1 x 3 x 1.5 M)	No.	5	3,563,181	17,815,906
5	RCC Box Culvert (1 x 3 x 2 M)	No.	1	4,287,541	4,287,541
6	RCC Box Culvert (3 x 3 x 2 M)	No.	2	8,510,684	17,021,368
7	RCC Box Culvert (3 x 3 x 3 M)	No.	2	11,376,297	22,752,594
8	RCC Box Culvert (5 x 3 x 2 M)	No.	1	12,734,182	12,734,182
9	RCC Box Culvert (8 x 3 x 2 M)	No.	1	19,442,595	19,442,595
TOTAL			30		131,322,263

GWADAR LASBELA LIVELIHOODS SUPPORT PROJECT PHASE-II (GLLSP-II)

CONSTRUCTION OF BLACK TOPPED ROAD FROM MAIN ROAD TO SADIQ BAKHAR UMAR SUKHIYA ALIANNI VILLAGES

DETAIL ESTIMATE OF RCC BOX CULVERT (Cell No.= 1 Span = 1 Height = 1) m

Q.No.	DESCRIPTION	No	Length	Width	Depth/H	QTY	Rate (Rs.)	AMOUNT (Rs)
1	Excavation in foundation of buildings and bridges including layout, dressing, refilling around structures with excavated earth, watering & ramming lead upto 100 ft. (30m) & lift upto 5 ft. (1.5m) (Machinery)							
	Culvert bed	1	11.000	2.600	1.000	28.600		
	Toe Wall	2	2.600	0.500	0.750	1.950		
	Wing Wall Bed	2		10.996	1.000	21.992		
	Wing Wall Bed	2		10.996	1.000	21.992		
	Cut of Wall	1	5.600	0.300	1.000	1.680		
	(S.I. NO.3-21b iv)			Per Cu.m	Total	76.214	625.89	47701.58
2	Providing and laying cement concrete using approved coarse sand and crushed aggregate 3/4" (19mm) & downgauge in foundation including leveling, compacting and curing. (1:4:8).							
	Culvert bed	1	9.400	1.800	0.100	1.692		
	Toe Wall	2	1.800	0.400	0.100	0.144		
	Wing Wall	2		5.728	0.100	1.146		
	Wing Wall	2		5.728	0.100	1.146		
	(S.I.No.5-8e)			Per Cu.m	Total	4.127	12674.78	52308.82
3	Providing, fabricating and laying deformed Grade 60 steel reinforcement (deformed bar) for all kinds of R.C.C work in foundation, plinth and ground floor including the cost of straightening, removal of rust, cutting, bending, binding, wastage and providing such over-laps as are not shown on the drawings. The cost of binding wire and cement concrete spacer blocks or chairs for binding and holding the reinforcement in position is inclusive upto 15 ft. (5m) height (Steel G-60)							
	Culvert+Wing walls	1	29.654		Kgs 2772.649	Tons 2.773		
	(S.I.No. 5- 65a)			Per tonne	Total	2.911	354350.42	1031514.07
4	Providing and laying in position ready mixed							
	Culvert Base slab	1	10.000	1.600	0.350	5.600		
	Toe wall	2	1.600	0.650	0.300	0.624		
	Wing Wall Bed	2		4.178	0.300	2.507		
	Wing Wall 1m Portion Bed	2		0.616	0.250	0.308		
	Wing Wall Bed	2		4.178	0.300	2.507		
	Wing Wall 1m Portion Bed	2		0.616	0.250	0.308		
	Apron Cut of Wall	1	5.600	0.300	1.000	1.680		
	(S.I.No. 5- 26b+d)			Per Cu.m	Total	13.534	25538.36	345636.16

CONSTRUCTION OF BLACK TOPPED ROAD FROM MAIN ROAD TO SADIO BAKHAR UMAR SUKHIYA ALIANNI VILLAGES

DETAIL ESTIMATE OF RCC BOX CULVERT (Cell No.= 1 Span = 1 Height = 1) m

S.No.	QTY	DESCRIPTION	No	Length	Width	Depth/H		QTY	Rate (Rs.)	AMOUNT (Rs)
5		Providing and laying in position ready mixed concrete for reinforced cement concrete work, using cement content as per approved design mix, manufactured in fully automatic batching plant and transported to site of work in transit mixer for all leads, having continuous agitated mixer, manufactured as per mix design of specified grade for reinforced cement concrete work including pumping of R.M.C. from transit mixer to site of laying , excluding the cost of centering, shuttering finishing and reinforcement including cost of admixtures in recommended proportions as per mix design to accelerate/ retard setting of concrete, improve workability without impairing strength and durability as per direction of the Engineer - in - charge. (1:1-1/2:3).4000Psi								
		External Walls	2	10.000	0.300	1.000		6.000		
		Internal Walls	0	10.000	0.300	1.000		0.000		
		Fillet	4	10.000	0.150	0.150		0.450		
		Main Wing Wall	2	3.288	0.250	1.765		1.451		
		1 Meter Wing Wall	2	0.948	0.250	1.250		0.296		
		Main Wing Wall	2	3.288	0.250	1.765		1.451		
		1 Meter Wing Wall	2	0.948	0.250	1.250		0.296		
		(S.I.No. 5- 26b+e)			Per Cu.m	Total		9.944	27497.92	273439.32
6		Providing and laying in position ready mixed concrete for reinforced cement concrete work								
		Top slab	1	10.000	1.600	0.350		5.600		
		(S.I.No. 5- 26a+m)			Per Cu.m	Total		5.600	25622.83	143487.85
7		Providing and laying in position ready mixed concrete for reinforced cement concrete work								
		Parapit walls	2	1.600	0.300	0.600		0.576		
		(S.I.No. 5- 26b+e)			Per Cu.m	Total		0.576	27497.92	15838.80
8		Rip Rap Class-B SP-01 D/S of Culvert Apron (S.I.No. 19-31 b)	1		Area 6.773 Per Cu.m	0.300 Total		2.032 2.032	4122.72	8377.367
9		Mortor Rip Rap SP-02 D/S of Culvert Apron (S.I.No. 19-34a)	1		Area 6.773 Per Sqm	Total		6.773 6.773	1426.82	9663.85
									Sub.Total Rs.	1,927,967.82

CONSTRUCTION OF BLACK TOPPED ROAD FROM MAIN ROAD TO SADIQ BAKHAR UMAR SUKHIYA ALIANNI VILLAGES

DETAIL ESTIMATE OF RCC BOX CULVERT (Cell No.= 1 Span = 1 Height = 1) m

F QUA	DESCRIPTION	No	Length	Width	Depth/H	QTY	Rate (Rs.)	AMOUNT (Rs)
							G.Total	1,927,968

GWADAR LASBELA LIVELIHOODS SUPPORT PROJECT PHASE-II (GLLSP-II)

CONSTRUCTION OF BLACK TOPPED ROAD FROM MAIN ROAD TO SADIQ BAKHAR UMAR SUKHIYA ALIANNI VILLAGES

DETAIL ESTIMATE OF RCC BOX CULVERT (Cell No.= 1 Span = 2 Height = 1) m

QTY	DESCRIPTION	No	Length	Width	Depth/H	QTY	Rate (Rs.)	AMOUNT (Rs)
1	Excavation in foundation of buildings and bridges including layout, dressing, refilling around structures with excavated earth, watering & ramming lead upto 100 ft. (30m) & lift upto 5 ft. (1.5m) (Machinery)							
	Culvert bed	1	11.000	3.600	1.000	39.600		
	Toe Wall	2	3.600	0.500	0.750	2.700		
	Wing Wall Bed	2	10.996		1.000	21.992		
	Wing Wall Bed	2	10.996		1.000	21.992		
	Cut of Wall	1	6.600	0.300	1.000	1.980		
	(S.I. NO.3-21b iv)			Per Cu.m	Total	88.264	625.89	55243.55
2	Providing and laying cement concrete using approved coarse sand and crushed aggregate 3/4" (19mm) & downgauge in foundation including leveling, compacting and curing. (1:4:8).							
	Culvert bed	1	9.400	2.800	0.100	2.632		
	Toe Wall	2	2.800	0.400	0.100	0.224		
	Wing Wall	2	5.728		0.100	1.146		
	Wing Wall	2	5.728		0.100	1.146		
	(S.I.No.5-8e)			Per Cu.m	Total	5.147	12674.78	65237.09
3	Providing, fabricating and laying deformed Grade 60 steel reinforcement (deformed bar) for all kinds of R.C.C work in foundation, plinth and ground floor including the cost of straightening, removal of rust, cutting, bending, binding, wastage and providing such over-laps as are not shown on the drawings. The cost of binding wire and cement concrete spacer blocks or chairs for binding and holding the reinforcement in position is inclusive upto 15 ft. (5m) height (Steel G-60)							
	Culvert+Wing walls	1	37.704		Kgs 3525.324	Tons 3.525		
	(S.I.No. 5- 65a)			Per tonne	Total	3.702	354350.42	1311805.25
4	Providing and laying in position ready mixed							
	Culvert Base slab	1	10.000	2.600	0.350	9.100		
	Toe wall	2	2.600	0.650	0.300	1.014		
	Wing Wall Bed	2	4.178		0.300	2.507		
	Wing Wall 1m Portion Bed	2	0.616		0.250	0.308		
	Wing Wall Bed	2	4.178		0.300	2.507		
	Wing Wall 1m Portion Bed	2	0.616		0.250	0.308		
	Apran Cut of Wall	1	6.600	0.300	1.000	1.980		
	(S.I.No. 5- 26b+d)			Per Cu.m	Total	17.724	25538.36	452641.89

GWADAR LASBELA LIVELIHOODS SUPPORT PROJECT PHASE-II (GLLSP-II)

CONSTRUCTION OF BLACK TOPPED ROAD FROM MAIN ROAD TO SADIQ BAKHAR UMAR SUKHIYA ALIANNI VILLAGES

DETAIL ESTIMATE OF RCC BOX CULVERT (Cell No.= 1 Span = 2 Height = 1) m

Q. NO.	DESCRIPTION	No	Length	Width	Depth/H	QTY	Rate (Rs.)	AMOUNT (Rs)
5	Providing and laying in position ready mixed concrete for reinforced cement concrete work, using cement content as per approved design mix, manufactured in fully automatic batching plant and transported to site of work in transit mixer for all leads, having continuous agitated mixer, manufactured as per mix design of specified grade for reinforced cement concrete work including pumping of R.M.C. from transit mixer to site of laying , excluding the cost of centering, shuttering finishing and reinforcement including cost of admixtures in recommended proportions as per mix design to accelerate/retard setting of concrete, improve workability without impairing strength and durability as per direction of the Engineer - in - charge. (1:1-1/2:3).4000Psi							
	External Walls	2	10.000	0.300	1.000	6.000		
	Internal Walls	0	10.000	0.300	1.000	0.000		
	Fillet	4	10.000	0.150	0.150	0.450		
	Main Wing Wall	2	3.288	0.250	1.765	1.451		
	1 Meter Wing Wall	2	0.948	0.250	1.250	0.296		
	Main Wing Wall	2	3.288	0.250	1.765	1.451		
	1 Meter Wing Wall	2	0.948	0.250	1.250	0.296		
	(S.I.No. 5- 26b+e)			Per Cu.m	Total	9.944	27497.92	273439.32
6	Providing and laying in position ready mixed concrete for reinforced cement concrete work							
	Top slab	1	10.000	2.600	0.350	9.100		
	(S.I.No. 5- 26a+m)			Per Cu.m	Total	9.100	25622.83	233167.75
7	Providing and laying in position ready mixed concrete for reinforced cement concrete work							
	Parapit walls	2	2.600	0.300	0.600	0.936		
	(S.I.No. 5- 26b+e)			Per Cu.m	Total	0.936	27497.92	25738.05
8	Rip Rap Class-B							
	SP-01 D/S of Culvert Apron	1	Area 8.923		0.300	2.677		
	(S.I.No. 19-31 b)			Per Cu.m	Total	2.677	4122.72	11036.521
9	Mortor Rip Rap							
	SP-02 D/S of Culvert Apron	1	Area 8.923			8.923		
	(S.I.No. 19-34a)			Per Sqm	Total	8.923	1426.82	12731.51
Sub.Total Rs.								2,441,040.95

CONSTRUCTION OF BLACK TOPPED ROAD FROM MAIN ROAD TO SADIQ BAKHAR UMAR SUKHIYA ALIANNI VILLAGES

DETAIL ESTIMATE OF RCC BOX CULVERT (Cell No.= 1 Span = 2 Height = 1) m

Q	QUA	DESCRIPTION	No	Length	Width	Depth/H	QTY	Rate (Rs.)	AMOUNT (Rs)
								G.Total	2,441,041

GWADAR LASBELA LIVELIHOODS SUPPORT PROJECT PHASE-II (GLLSP-II)

CONSTRUCTION OF BLACK TOPPED ROAD FROM MAIN ROAD TO SADIQ BAKHAR UMAR SUKHIYA ALIANNI VILLAGES

DETAIL ESTIMATE OF RCC BOX CULVERT (Cell No.= 1 Span = 3 Height = 1) m

Q. NO.	DESCRIPTION	No	Length	Width	Depth/H	QTY	Rate (Rs.)	AMOUNT (Rs)
1	Excavation in foundation of buildings and bridges including layout, dressing, refilling around structures with excavated earth, watering & ramming lead upto 100 ft. (30m) & lift upto 5 ft. (1.5m) (Machinery)							
	Culvert bed	1	11.000	4.600	1.000	50.600		
	Toe Wall	2	4.600	0.500	0.750	3.450		
	Wing Wall Bed	2	10.996		1.000	21.992		
	Wing Wall Bed	2	10.996		1.000	21.992		
	Cut of Wall	1	7.600	0.300	1.000	2.280		
	(S.I. NO.3-21b iv)			Per Cu.m	Total	100.314	625.89	62785.53
2	Providing and laying cement concrete using approved coarse sand and crushed aggregate 3/4" (19mm) & downgauge in foundation including leveling, compacting and curing. (1:4:8).							
	Culvert bed	1	9.400	3.800	0.100	3.572		
	Toe Wall	2	3.800	0.400	0.100	0.304		
	Wing Wall	2	5.728		0.100	1.146		
	Wing Wall	2	5.728		0.100	1.146		
	(S.I.No.5-8e)			Per Cu.m	Total	6.167	12674.78	78165.37
3	Providing, fabricating and laying deformed Grade 60 steel reinforcement (deformed bar) for all kinds of R.C.C work in foundation, plinth and ground floor including the cost of straightening, removal of rust, cutting, bending, binding, wastage and providing such over-laps as are not shown on the drawings. The cost of binding wire and cement concrete spacer blocks or chairs for binding and holding the reinforcement in position is inclusive upto 15 ft. (5m) height (Steel G-60)							
	Culvert+Wing walls	1	45.754		Kgs 4277.999	Tons 4.278		
	(S.I.No. 5- 65a)			Per tonne	Total	4.492	354350.42	1591742.09
4	Providing and laying in position ready mixed							
	Culvert Base slab	1	10.000	3.600	0.350	12.600		
	Toe wall	2	3.600	0.650	0.300	1.404		
	Wing Wall Bed	2	4.178		0.300	2.507		
	Wing Wall 1m Portion Bed	2	0.616		0.250	0.308		
	Wing Wall Bed	2	4.178		0.300	2.507		
	Wing Wall 1m Portion Bed	2	0.616		0.250	0.308		
	Apran Cut of Wall	1	7.600	0.300	1.000	2.280		
	(S.I.No. 5- 26b+d)			Per Cu.m	Total	21.914	25538.36	559647.62

CONSTRUCTION OF BLACK TOPPED ROAD FROM MAIN ROAD TO SADIO BAKHAR UMAR SUKHIYA ALIANNI VILLAGES

Sl. No.	DESCRIPTION	No	Length	Width	Depth/H	QTY	Rate (Rs.)	AMOUNT (Rs)
5	Providing and laying in position ready mixed concrete for reinforced cement concrete work, using cement content as per approved design mix, manufactured in fully automatic batching plant and transported to site of work in transit mixer for all leads, having continuous agitated mixer, manufactured as per mix design of specified grade for reinforced cement concrete work including pumping of R.M.C. from transit mixer to site of laying , excluding the cost of centering, shuttering finishing and reinforcement including cost of admixtures in recommended proportions as per mix design to accelerate/retard setting of concrete, improve workability without impairing strength and durability as per direction of the Engineer - in - charge. (1:1-1/2:3).4000Psi							
	External Walls	2	10.000	0.300	1.000	6.000		
	Internal Walls	0	10.000	0.300	1.000	0.000		
	Fillet	4	10.000	0.150	0.150	0.450		
	Main Wing Wall	2	3.288	0.250	1.765	1.451		
	1 Meter Wing Wall	2	0.948	0.250	1.250	0.296		
	Main Wing Wall	2	3.288	0.250	1.765	1.451		
	1 Meter Wing Wall	2	0.948	0.250	1.250	0.296		
	(S.I.No. 5- 26b+e)			Per Cu.m	Total	9.944	27497.92	273439.32
6	Providing and laying in position ready mixed concrete for reinforced cement concrete work							
	Top slab	1	10.000	3.600	0.350	12.600		
	(S.I.No. 5- 26a+m)			Per Cu.m	Total	12.600	25622.83	322847.66
7	Providing and laying in position ready mixed concrete for reinforced cement concrete work							
	Parapit walls	2	3.600	0.300	0.600	1.296		
	(S.I.No. 5- 26b+e)			Per Cu.m	Total	1.296	27497.92	35637.30
8	Rip Rap Class-B SP-01 D/S of Culvert Apron (S.I.No. 19-31 b)	1	Area 11.073	Per Cu.m	0.300 Total	3.322 3.322	4122.72	13695.676
9	Mortor Rip Rap SP-02 D/S of Culvert Apron (S.I.No. 19-34a)	1	Area 11.073	Per Sqm	Total	11.073 11.073	1426.82	15799.18
Sub.Total Rs.							2,953,759.74	

QTY	DESCRIPTION	No	Length	Width	Depth/H	QTY	Rate (Rs.)	AMOUNT (Rs)
G.Total								2,953,760

GWADAR LASBELA LIVELIHOODS SUPPORT PROJECT PHASE-II (GLLSP-II)

CONSTRUCTION OF BLACK TOPPED ROAD FROM MAIN ROAD TO SADIQ BAKHAR UMAR SUKHIYA ALIANNI VILLAGES

DETAIL ESTIMATE OF RCC BOX CULVERT (Cell No.= 1 Span = 3 Height = 1.5) m

Q. NO.	DESCRIPTION	No	Length	Width	Depth/H	QTY	Rate (Rs.)	AMOUNT (Rs)
1	Excavation in foundation of buildings and bridges including layout, dressing, refilling around structures with excavated earth, watering & ramming lead upto 100 ft. (30m) & lift upto 5 ft. (1.5m) (Machinery)							
	Culvert bed	1	11.000	4.600	1.000	50.600		
	Toe Wall	2	4.600	0.500	0.750	3.450		
	Wing Wall Bed	2	15.765		1.000	31.530		
	Wing Wall Bed	2	15.765		1.000	31.530		
	Cut of Wall	1	9.600	0.300	1.000	2.880		
	(S.I. NO.3-21b iv)			Per Cu.m	Total	119.990	625.89	75100.54
2	Providing and laying cement concrete using approved coarse sand and crushed aggregate 3/4" (19mm) & downgauge in foundation including leveling, compacting and curing. (1:4:8).							
	Culvert bed	1	9.400	3.800	0.100	3.572		
	Toe Wall	2	3.800	0.400	0.100	0.304		
	Wing Wall	2	9.008		0.100	1.802		
	Wing Wall	2	9.008		0.100	1.802		
	(S.I.No.5-8e)			Per Cu.m	Total	7.479	12674.78	94794.68
3	Providing, fabricating and laying deformed Grade 60 steel reinforcement (deformed bar) for all kinds of R.C.C work in foundation, plinth and ground floor including the cost of straightening, removal of rust, cutting, bending, binding, wastage and providing such over-laps as are not shown on the drawings. The cost of binding wire and cement concrete spacer blocks or chairs for binding and holding the reinforcement in position is inclusive upto 15 ft. (5m) height (Steel G-60)							
	Culvert+Wing walls	1	54.850		Kgs 5128.475	Tons 5.128		
	(S.I.No. 5- 65a)			Per tonne	Total	5.385	354350.42	1908177.01
4	Providing and laying in position ready mixed							
	Culvert Base slab	1	10.000	3.600	0.350	12.600		
	Toe wall	2	3.600	0.650	0.300	1.404		
	Wing Wall Bed	2	7.160		0.300	4.296		
	Wing Wall 1m Portion Bed	2	0.616		0.250	0.308		
	Wing Wall Bed	2	7.160		0.300	4.296		
	Wing Wall 1m Portion Bed	2	0.616		0.250	0.308		
	Apran Cut of Wall	1	9.600	0.300	1.000	2.880		
	(S.I.No. 5- 26b+d)			Per Cu.m	Total	26.092	25538.36	666346.89

GWADAR LASBELA LIVELIHOODS SUPPORT PROJECT PHASE-II (GLLSP-II)

CONSTRUCTION OF BLACK TOPPED ROAD FROM MAIN ROAD TO SADIQ BAKHAR UMAR SUKHIYA ALIANNI VILLAGES

DETAIL ESTIMATE OF RCC BOX CULVERT (Cell No.= 1 Span = 3 Height = 1.5) m

Q. NO.	DESCRIPTION	No	Length	Width	Depth/H	QTY	Rate (Rs.)	AMOUNT (Rs)
5	Providing and laying in position ready mixed concrete for reinforced cement concrete work, using cement content as per approved design mix, manufactured in fully automatic batching plant and transported to site of work in transit mixer for all leads, having continuous agitated mixer, manufactured as per mix design of specified grade for reinforced cement concrete work including pumping of R.M.C. from transit mixer to site of laying , excluding the cost of centering, shuttering finishing and reinforcement including cost of admixtures in recommended proportions as per mix design to accelerate/retard setting of concrete, improve workability without impairing strength and durability as per direction of the Engineer - in - charge. (1:1-1/2:3).4000Psi							
	External Walls	2	10.000	0.300	1.500	9.000		
	Internal Walls	0	10.000	0.300	1.500	0.000		
	Fillet	4	10.000	0.150	0.150	0.450		
	Main Wing Wall	2	4.702	0.250	2.050	2.410		
	1 Meter Wing Wall	2	0.948	0.250	1.250	0.296		
	Main Wing Wall	2	4.702	0.250	2.050	2.410		
	1 Meter Wing Wall	2	0.948	0.250	1.250	0.296		
	(S.I.No. 5- 26b+e)			Per Cu.m	Total	14.862	27497.92	408674.09
6	Providing and laying in position ready mixed concrete for reinforced cement concrete work							
	Top slab	1	10.000	3.600	0.350	12.600		
	(S.I.No. 5- 26a+m)			Per Cu.m	Total	12.600	25622.83	322847.66
7	Providing and laying in position ready mixed concrete for reinforced cement concrete work							
	Parapit walls	2	3.600	0.300	0.600	1.296		
	(S.I.No. 5- 26b+e)			Per Cu.m	Total	1.296	27497.92	35637.30
8	Rip Rap Class-B							
	SP-01 D/S of Culvert Apron	1	19.373	Area	0.300	5.812		
	(S.I.No. 19-31 b)			Per Cu.m	Total	5.812	4122.72	23961.249
9	Mortor Rip Rap							
	SP-02 D/S of Culvert Apron	1	19.373	Area		19.373		
	(S.I.No. 19-34a)			Per Sqm	Total	19.373	1426.82	27641.78
Sub.Total Rs.								3,563,181.20

Q. NO.	DESCRIPTION	No	Length	Width	Depth/H	QTY	Rate (Rs.)	AMOUNT (Rs)
							G.Total	3,563,181

GWADAR LASBELA LIVELIHOODS SUPPORT PROJECT PHASE-II (GLLSP-II)

CONSTRUCTION OF BLACK TOPPED ROAD FROM MAIN ROAD TO SADIQ BAKHAR UMAR SUKHIYA ALIANNI VILLAGES

DETAIL ESTIMATE OF RCC BOX CULVERT (Cell No.= 1 Span = 3 Height = 2) m

QUA	DESCRIPTION	No	Length	Width	Depth/H	QTY	Rate (Rs.)	AMOUNT (Rs)
1	Excavation in foundation of buildings and bridges including layout, dressing, refilling around structures with excavated earth, watering & ramming lead upto 100 ft. (30m) & lift upto 5 ft. (1.5m) (Machinery)							
	Culvert bed	1	11.000	4.600	1.000	50.600		
	Toe Wall	2	4.600	0.500	0.750	3.450		
	Wing Wall Bed	2	21.776		1.000	43.552		
	Wing Wall Bed	2	21.776		1.000	43.552		
	Cut of Wall	1	11.600	0.300	1.000	3.480		
	(S.I. NO.3-21b iv)			Per Cu.m	Total	144.634	625.89	90524.97
2	Providing and laying cement concrete using approved coarse sand and crushed aggregate 3/4" (19mm) & downgauge in foundation including leveling, compacting and curing. (1:4:8).							
	Culvert bed	1	9.400	3.800	0.100	3.572		
	Toe Wall	2	3.800	0.400	0.100	0.304		
	Wing Wall	2	13.439		0.100	2.688		
	Wing Wall	2	13.439		0.100	2.688		
	(S.I.No-5-8e)			Per Cu.m	Total	9.252	12674.78	117267.06
3	Providing, fabricating and laying deformed Grade 60 steel reinforcement (deformed bar) for all kinds of R.C.C work in foundation, plinth and ground floor including the cost of straightening, removal of rust, cutting, bending, binding, wastage and providing such over-laps as are not shown on the drawings. The cost of binding wire and cement concrete spacer blocks or chairs for binding and holding the reinforcement in position is inclusive upto 15 ft. (5m) height (Steel G-60)							
	Culvert+Wing walls	1	65.603		Kgs 6133.881	Tons 6.134		
	(S.I.No. 5- 65a)			Per tonne	Total	6.441	354350.42	2282371.06
4	Providing and laying in position ready mixed							
	Culvert Base slab	1	10.000	3.600	0.350	12.600		
	Toe wall	2	3.600	0.650	0.300	1.404		
	Wing Wall Bed	2	11.275		0.300	6.765		
	Wing Wall 1m Portion Bed	2	0.616		0.250	0.308		
	Wing Wall Bed	2	11.275		0.300	6.765		
	Wing Wall 1m Portion Bed	2	0.616		0.250	0.308		
	Apran Cut of Wall	1	11.600	0.300	1.000	3.480		
	(S.I.No. 5- 26b+d)			Per Cu.m	Total	31.630	25538.36	807778.33

GWADAR LASBELA LIVELIHOODS SUPPORT PROJECT PHASE-II (GLLSP-II)

CONSTRUCTION OF BLACK TOPPED ROAD FROM MAIN ROAD TO SADIQ BAKHAR UMAR SUKHIYA ALIANNI VILLAGES

DETAIL ESTIMATE OF RCC BOX CULVERT (Cell No.= 1 Span = 3 Height = 2) m

QTY	DESCRIPTION	No	Length	Width	Depth/H	QTY	Rate (Rs.)	AMOUNT (Rs)
5	Providing and laying in position ready mixed concrete for reinforced cement concrete work, using cement content as per approved design mix, manufactured in fully automatic batching plant and transported to site of work in transit mixer for all leads, having continuous agitated mixer, manufactured as per mix design of specified grade for reinforced cement concrete work including pumping of R.M.C. from transit mixer to site of laying , excluding the cost of centering, shuttering finishing and reinforcement including cost of admixtures in recommended proportions as per mix design to accelerate/retard setting of concrete, improve workability without impairing strength and durability as per direction of the Engineer - in - charge. (1:1-1/2:3).4000Psi							
	External Walls	2	10.000	0.300	2.000	12.000		
	Internal Walls	0	10.000	0.300	2.000	0.000		
	Fillet	4	10.000	0.150	0.150	0.450		
	Main Wing Wall	2	6.117	0.250	2.300	3.517		
	1 Meter Wing Wall	2	0.948	0.250	1.250	0.296		
	Main Wing Wall	2	6.117	0.250	2.300	3.517		
	1 Meter Wing Wall	2	0.948	0.250	1.250	0.296		
	(S.I.No. 5- 26b+e)			Per Cu.m	Total	20.077	27497.92	552075.74
6	Providing and laying in position ready mixed concrete for reinforced cement concrete work							
	Top slab	1	10.000	3.600	0.350	12.600		
	(S.I.No. 5- 26a+m)			Per Cu.m	Total	12.600	25622.83	322847.66
7	Providing and laying in position ready mixed concrete for reinforced cement concrete work							
	Parapit walls	2	3.600	0.300	0.600	1.296		
	(S.I.No. 5- 26b+e)			Per Cu.m	Total	1.296	27497.92	35637.30
8	Rip Rap Class-B							
	SP-01 D/S of Culvert Apron	1	Area 29.673		0.300	8.902		
	(S.I.No. 19-31 b)			Per Cu.m	Total	8.902	4122.72	36700.453
9	Mortor Rip Rap							
	SP-02 D/S of Culvert Apron	1	Area 29.673			29.673		
	(S.I.No. 19-34a)			Per Sqm	Total	29.673	1426.82	42338.03
Sub.Total Rs.								4,287,540.61

Sl. No.	DESCRIPTION	No	Length	Width	Depth/H	QTY	Rate (Rs.)	AMOUNT (Rs)
							G.Total	4,287,541

GWADAR LASBELA LIVELIHOODS SUPPORT PROJECT PHASE-II (GLLSP-II)

CONSTRUCTION OF BLACK TOPPED ROAD FROM MAIN ROAD TO SADIQ BAKHAR UMAR SUKHIYA ALIANNI VILLAGES

DETAIL ESTIMATE OF RCC BOX CULVERT (Cell No.= 3 Span = 3 Height = 2) m

QUA	DESCRIPTION	No	Length	Width	Depth/H	QTY	Rate (Rs.)	AMOUNT (Rs)
1	Excavation in foundation of buildings and bridges including layout, dressing, refilling around structures with excavated earth, watering & ramming lead upto 100 ft. (30m) & lift upto 5 ft. (1.5m) (Machinery)							
	Culvert bed	1	11.000	11.200	1.000	123.200		
	Toe Wall	2	11.200	0.500	0.750	8.400		
	Wing Wall Bed	2	21.776		1.000	43.552		
	Wing Wall Bed	2	21.776		1.000	43.552		
	Cut of Wall	1	18.200	0.300	1.000	5.460		
	(S.I. NO.3-21b iv)			Per Cu.m	Total	224.164	625.89	140302.01
2	Providing and laying cement concrete using approved coarse sand and crushed aggregate 3/4" (19mm) & downgauge in foundation including leveling, compacting and curing. (1:4:8).							
	Culvert bed	1	9.400	10.400	0.100	9.776		
	Toe Wall	2	10.400	0.400	0.100	0.832		
	Wing Wall	2	13.439		0.100	2.688		
	Wing Wall	2	13.439		0.100	2.688		
	(S.I.No-5-8e)			Per Cu.m	Total	15.984	12674.78	202593.68
3	Providing, fabricating and laying deformed Grade 60 steel reinforcement (deformed bar) for all kinds of R.C.C work in foundation, plinth and ground floor including the cost of straightening, removal of rust, cutting, bending, binding, wastage and providing such over-laps as are not shown on the drawings. The cost of binding wire and cement concrete spacer blocks or chairs for binding and holding the reinforcement in position is inclusive upto 15 ft. (5m) height (Steel G-60)							
	Culvert+Wing walls	1	131.633		Kgs 12307.686	Tons 12.308		
	(S.I.No. 5- 65a)			Per tonne	Total	12.923	354350.42	4579270.48
4	Providing and laying in position ready mixed							
	Culvert Base slab	1	10.000	10.200	0.350	35.700		
	Toe wall	2	10.200	0.650	0.300	3.978		
	Wing Wall Bed	2	11.275		0.300	6.765		
	Wing Wall 1m Portion Bed	2	0.616		0.250	0.308		
	Wing Wall Bed	2	11.275		0.300	6.765		
	Wing Wall 1m Portion Bed	2	0.616		0.250	0.308		
	Apran Cut of Wall	1	18.200	0.300	1.000	5.460		
	(S.I.No. 5- 26b+d)			Per Cu.m	Total	59.284	25538.36	1514016.13

CONSTRUCTION OF BLACK TOPPED ROAD FROM MAIN ROAD TO SADIQ BAKHAR UMAR SUKHIYA ALIANNI VILLAGES

DETAIL ESTIMATE OF RCC BOX CULVERT (Cell No.= 3 Span = 3 Height = 2) m

[illegible]

QTY	DESCRIPTION	No	Length	Width	Depth/H	QTY	Rate (Rs.)	AMOUNT (Rs)
							G.Total	8,510,684

GWADAR LASBELA LIVELIHOODS SUPPORT PROJECT PHASE-II (GLLSP-II)

CONSTRUCTION OF BLACK TOPPED ROAD FROM MAIN ROAD TO SADIQ BAKHAR UMAR SUKHIYA ALIANNI VILLAGES

DETAIL ESTIMATE OF RCC BOX CULVERT (Cell No.= 3 Span = 3 Height = 3) m

QUA	DESCRIPTION	No	Length	Width	Depth/H	QTY	Rate (Rs.)	AMOUNT (Rs)
1	Excavation in foundation of buildings and bridges including layout, dressing, refilling around structures with excavated earth, watering & ramming lead upto 100 ft. (30m) & lift upto 5 ft. (1.5m) (Machinery)							
	Culvert bed	1	11.000	11.200	1.000	123.200		
	Toe Wall	2	11.200	0.500	0.750	8.400		
	Wing Wall Bed	2	37.487		1.000	74.974		
	Wing Wall Bed	2	37.487		1.000	74.974		
	Cut of Wall	1	22.300	0.300	1.000	6.690		
	(S.I. NO.3-21b iv)			Per Cu.m	Total	288.238	625.89	180405.28
2	Providing and laying cement concrete using approved coarse sand and crushed aggregate 3/4" (19mm) & downgauge in foundation including leveling, compacting and curing. (1:4:8).							
	Culvert bed	1	9.400	10.400	0.100	9.776		
	Toe Wall	2	10.400	0.400	0.100	0.832		
	Wing Wall	2	25.955		0.100	5.191		
	Wing Wall	2	25.955		0.100	5.191		
	(S.I.No.5-8e)			Per Cu.m	Total	20.990	12674.78	266043.63
3	Providing, fabricating and laying deformed Grade 60 steel reinforcement (deformed bar) for all kinds of R.C.C work in foundation, plinth and ground floor including the cost of straightening, removal of rust, cutting, bending, binding, wastage and providing such over-laps as are not shown on the drawings. The cost of binding wire and cement concrete spacer blocks or chairs for binding and holding the reinforcement in position is inclusive upto 15 ft. (5m) height (Steel G-60)							
	Culvert+Wing walls	1	174.948		Kgs 16357.638	Tons 16.358		
	(S.I.No. 5- 65a)			Per tonne	Total	17.176	354350.42	6086322.81
4	Providing and laying in position ready mixed							
	Culvert Base slab	1	10.000	10.200	0.350	35.700		
	Toe wall	2	10.200	0.650	0.300	3.978		
	Wing Wall Bed	2	23.112		0.381	17.611		
	Wing Wall 1m Portion Bed	2	0.657		0.250	0.329		
	Wing Wall Bed	2	23.112		0.381	17.611		
	Wing Wall 1m Portion Bed	2	0.657		0.250	0.329		
	Apran Cut of Wall	1	22.300	0.300	1.000	6.690		
	(S.I.No. 5- 26b+d)			Per Cu.m	Total	82.248	25538.36	2100479.03

GWADAR LASBELA LIVELIHOODS SUPPORT PROJECT PHASE-II (GLLSP-II)

CONSTRUCTION OF BLACK TOPPED ROAD FROM MAIN ROAD TO SADIQ BAKHAR UMAR SUKHIYA ALIANNI VILLAGES

DETAIL ESTIMATE OF RCC BOX CULVERT (Cell No.= 3 Span = 3 Height = 3) m

QTY	DESCRIPTION	No	Length	Width	Depth/H	QTY	Rate (Rs.)	AMOUNT (Rs)
5	Providing and laying in position ready mixed concrete for reinforced cement concrete work, using cement content as per approved design mix, manufactured in fully automatic batching plant and transported to site of work in transit mixer for all leads, having continuous agitated mixer, manufactured as per mix design of specified grade for reinforced cement concrete work including pumping of R.M.C. from transit mixer to site of laying , excluding the cost of centering, shuttering finishing and reinforcement including cost of admixtures in recommended proportions as per mix design to accelerate/retard setting of concrete, improve workability without impairing strength and durability as per direction of the Engineer - in - charge. (1:1-1/2:3).4000Psi							
	External Walls	2	10.000	0.300	3.000	18.000		
	Internal Walls	2	10.000	0.300	3.000	18.000		
	Fillet	12	10.000	0.150	0.150	1.350		
	Main Wing Wall	2	8.980	0.300	2.835	7.637		
	1 Meter Wing Wall	2	0.938	0.300	1.250	0.352		
	Main Wing Wall	2	8.980	0.300	2.835	7.637		
	1 Meter Wing Wall	2	0.938	0.300	1.250	0.352		
	(S.I.No. 5- 26b+e)			Per Cu.m	Total	53.328	27497.92	1466409.08
6	Providing and laying in position ready mixed concrete for reinforced cement concrete work							
	Top slab	1	10.000	10.200	0.350	35.700		
	(S.I.No. 5- 26a+m)			Per Cu.m	Total	35.700	25622.83	914735.03
7	Providing and laying in position ready mixed concrete for reinforced cement concrete work							
	Parapit walls	2	10.200	0.300	0.600	3.672		
	(S.I.No. 5- 26b+e)			Per Cu.m	Total	3.672	27497.92	100972.36
8	Rip Rap Class-B							
	SP-01 D/S of Culvert Apron	1	97.960		0.300	29.388		
	(S.I.No. 19-31 b)			Per Cu.m	Total	29.388	4122.72	121158.495
9	Mortor Rip Rap							
	SP-02 D/S of Culvert Apron	1	97.960			97.960		
	(S.I.No. 19-34a)			Per Sqm	Total	97.960	1426.82	139771.29
Sub.Total Rs.								11,376,297.01

Q. NO.	DESCRIPTION	No	Length	Width	Depth/H	QTY	Rate (Rs.)	AMOUNT (Rs)
							G.Total	11,376,297

GWADAR LASBELA LIVELIHOODS SUPPORT PROJECT PHASE-II (GLLSP-II)

CONSTRUCTION OF BLACK TOPPED ROAD FROM MAIN ROAD TO SADIQ BAKHAR UMAR SUKHIYA ALIANNI VILLAGES

DETAIL ESTIMATE OF RCC BOX CULVERT (Cell No.= 5 Span = 3 Height = 2) m

QUA	DESCRIPTION	No	Length	Width	Depth/H	QTY	Rate (Rs.)	AMOUNT (Rs)
1	Excavation in foundation of buildings and bridges including layout, dressing, refilling around structures with excavated earth, watering & ramming lead upto 100 ft. (30m) & lift upto 5 ft. (1.5m) (Machinery)							
	Culvert bed	1	11.000	17.800	1.000	195.800		
	Toe Wall	2	17.800	0.500	0.750	13.350		
	Wing Wall Bed	2	21.776		1.000	43.552		
	Wing Wall Bed	2	21.776		1.000	43.552		
	Cut of Wall	1	24.800	0.300	1.000	7.440		
	(S.I. NO.3-21b iv)			Per Cu.m	Total	303.694	625.89	190079.04
2	Providing and laying cement concrete using approved coarse sand and crushed aggregate 3/4" (19mm) & downgauge in foundation including leveling, compacting and curing. (1:4:8).							
	Culvert bed	1	9.400	17.000	0.100	15.980		
	Toe Wall	2	17.000	0.400	0.100	1.360		
	Wing Wall	2	13.439		0.100	2.688		
	Wing Wall	2	13.439		0.100	2.688		
	(S.I.No-5-8e)			Per Cu.m	Total	22.716	12674.78	287920.30
3	Providing, fabricating and laying deformed Grade 60 steel reinforcement (deformed bar) for all kinds of R.C.C work in foundation, plinth and ground floor including the cost of straightening, removal of rust, cutting, bending, binding, wastage and providing such over-laps as are not shown on the drawings. The cost of binding wire and cement concrete spacer blocks or chairs for binding and holding the reinforcement in position is inclusive upto 15 ft. (5m) height (Steel G-60)							
	Culvert+Wing walls	1	197.663		Kgs 18481.491	Tons 18.481		
	(S.I.No. 5- 65a)			Per tonne	Total	19.406	354350.42	6876524.25
4	Providing and laying in position ready mixed							
	Culvert Base slab	1	10.000	16.800	0.350	58.800		
	Toe wall	2	16.800	0.650	0.300	6.552		
	Wing Wall Bed	2	11.275		0.300	6.765		
	Wing Wall 1m Portion Bed	2	0.616		0.250	0.308		
	Wing Wall Bed	2	11.275		0.300	6.765		
	Wing Wall 1m Portion Bed	2	0.616		0.250	0.308		
	Apran Cut of Wall	1	24.800	0.300	1.000	7.440		
	(S.I.No. 5- 26b+d)			Per Cu.m	Total	86.938	25538.36	2220253.94

CONSTRUCTION OF BLACK TOPPED ROAD FROM MAIN ROAD TO SADIQ BAKHAR UMAR SUKHIYA ALIANNI VILLAGES

DETAIL ESTIMATE OF RCC BOX CULVERT (Cell No.= 5 Span = 3 Height = 2) m

[illegible]

Q. NO.	DESCRIPTION	No	Length	Width	Depth/H	QTY	Rate (Rs.)	AMOUNT (Rs)
							G.Total	12,734,182

GWADAR LASBELA LIVELIHOODS SUPPORT PROJECT PHASE-II (GLLSP-II)

CONSTRUCTION OF BLACK TOPPED ROAD FROM MAIN ROAD TO SADIQ BAKHAR UMAR SUKHIYA ALIANNI VILLAGES

DETAIL ESTIMATE OF RCC BOX CULVERT (Cell No.= 8 Span = 3 Height = 2) m

QTY	DESCRIPTION	No	Length	Width	Depth/H	QTY	Rate (Rs.)	AMOUNT (Rs)
1	Excavation in foundation of buildings and bridges including layout, dressing, refilling around structures with excavated earth, watering & ramming lead upto 100 ft. (30m) & lift upto 5 ft. (1.5m) (Machinery)							
	Culvert bed	1	11.000	27.700	1.000	304.700		
	Toe Wall	2	27.700	0.500	0.750	20.775		
	Wing Wall Bed	2	21.776		1.000	43.552		
	Wing Wall Bed	2	21.776		1.000	43.552		
	Cut of Wall	1	34.700	0.300	1.000	10.410		
	(S.I. NO.3-21b iv)			Per Cu.m	Total	422.989	625.89	264744.59
2	Providing and laying cement concrete using approved coarse sand and crushed aggregate 3/4" (19mm) & downgauge in foundation including leveling, compacting and curing. (1:4:8).							
	Culvert bed	1	9.400	26.900	0.100	25.286		
	Toe Wall	2	26.900	0.400	0.100	2.152		
	Wing Wall	2	13.439		0.100	2.688		
	Wing Wall	2	13.439		0.100	2.688		
	(S.I.No-5-8e)			Per Cu.m	Total	32.814	12674.78	415910.23
3	Providing, fabricating and laying deformed Grade 60 steel reinforcement (deformed bar) for all kinds of R.C.C work in foundation, plinth and ground floor including the cost of straightening, removal of rust, cutting, bending, binding, wastage and providing such over-laps as are not shown on the drawings. The cost of binding wire and cement concrete spacer blocks or chairs for binding and holding the reinforcement in position is inclusive upto 15 ft. (5m) height (Steel G-60)							
	Culvert+Wing walls	1	302.708		Kgs 28303.198	Tons 28.303		
	(S.I.No. 5- 65a)			Per tonne	Total	29.718	354350.42	10530585.78
4	Providing and laying in position ready mixed							
	Culvert Base slab	1	10.000	26.700	0.350	93.450		
	Toe wall	2	26.700	0.650	0.300	10.413		
	Wing Wall Bed	2	11.275		0.300	6.765		
	Wing Wall 1m Portion Bed	2	0.616		0.250	0.308		
	Wing Wall Bed	2	11.275		0.300	6.765		
	Wing Wall 1m Portion Bed	2	0.616		0.250	0.308		
	Apran Cut of Wall	1	34.700	0.300	1.000	10.410		
	(S.I.No. 5- 26b+d)			Per Cu.m	Total	128.419	25538.36	3279610.65

GWADAR LASBELA LIVELIHOODS SUPPORT PROJECT PHASE-II (GLLSP-II)

CONSTRUCTION OF BLACK TOPPED ROAD FROM MAIN ROAD TO SADIQ BAKHAR UMAR SUKHIYA ALIANNI VILLAGES

DETAIL ESTIMATE OF RCC BOX CULVERT (Cell No.= 8 Span = 3 Height = 2) m

QTY	DESCRIPTION	No	Length	Width	Depth/H	QTY	Rate (Rs.)	AMOUNT (Rs)
5	Providing and laying in position ready mixed concrete for reinforced cement concrete work, using cement content as per approved design mix, manufactured in fully automatic batching plant and transported to site of work in transit mixer for all leads, having continuous agitated mixer, manufactured as per mix design of specified grade for reinforced cement concrete work including pumping of R.M.C. from transit mixer to site of laying , excluding the cost of centering, shuttering finishing and reinforcement including cost of admixtures in recommended proportions as per mix design to accelerate/retard setting of concrete, improve workability without impairing strength and durability as per direction of the Engineer - in - charge. (1:1-1/2:3).4000Psi							
	External Walls	4	10.000	0.300	2.000	24.000		
	Internal Walls	6	10.000	0.300	2.000	36.000		
	Fillet	32	10.000	0.150	0.150	3.600		
	Main Wing Wall	2	6.117	0.250	2.300	3.517		
	1 Meter Wing Wall	2	0.948	0.250	1.250	0.296		
	Main Wing Wall	2	6.117	0.250	2.300	3.517		
	1 Meter Wing Wall	2	0.948	0.250	1.250	0.296		
	(S.I.No. 5- 26b+e)			Per Cu.m	Total	71.227	27497.92	1958594.35
6	Providing and laying in position ready mixed concrete for reinforced cement concrete work							
	Top slab	1	10.000	26.700	0.350	93.450		
	(S.I.No. 5- 26a+m)			Per Cu.m	Total	93.450	25622.83	2394453.46
7	Providing and laying in position ready mixed concrete for reinforced cement concrete work							
	Parapit walls	2	26.700	0.300	0.600	9.612		
	(S.I.No. 5- 26b+e)			Per Cu.m	Total	9.612	27497.92	264310.01
8	Rip Rap Class-B							
	SP-01 D/S of Culvert Apron (S.I.No. 19-31 b)	1	Area 125.538	0.300		37.661		
				Per Cu.m	Total	37.661	4122.72	155265.758
9	Mortor Rip Rap							
	SP-02 D/S of Culvert Apron (S.I.No. 19-34a)	1	Area 125.538			125.538		
				Per Sqm	Total	125.538	1426.82	179120.13
Sub.Total Rs.								19,442,594.96

GWADAR LASBELA LIVELIHOODS SUPPORT PROJECT PHASE-II (GLLSP-II)

**CONSTRUCTION OF BLACK TOPPED ROAD FROM MAIN ROAD TO SADIQ BAKHAR UMAR SUKHIYA
ALIANNI VILLAGES**

Link Road

PIPE CULVERTS

GWADAR LASBELA LIVELIHOODS SUPPORT PROJECT PHASE-II (GLLSP-II)

CONSTRUCTION OF BLACK TOPPED ROAD FROM MAIN ROAD TO SADIQ BAKHAR UMAR SUKHIYA ALIANNI VILLAGES

PIPE CULVERT

STRUCTURE WORK

S.NO	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT PK RS.
A.	STRUCTURE WORK <u>PIPE CULVERT</u>				
1	Pipe Culvert Single Cell	No.	5	904,468.12	4,522,341
		Total No.	5		
TOTAL					4,522,340.60

GWADAR LASBELA LIVELIHOODS SUPPORT PROJECT PHASE-II (GLLSP-II)

CONSTRUCTION OF BLACK TOPPED ROAD FROM MAIN ROAD TO SADIQ BAKHAR UMAR SUKHIYA ALIANNI VILLAGES

PIPIE CULVERT 1 CELLS (36" Outer dia)

S.No	DESCRIPTION	No	Length	Width	Depth/H	QTY	Unit	Rate	AMOUNT (Rs)
1	Excavation in foundation of buildings and bridges including layout, dressing, refilling around structures with excavated earth, watering & ramming lead upto 100 ft. (30m) & lift upto 5 ft. (1.5m) (S.I. NO.3-21b iv)								
	Pipe culvert	1	12.000	1.500	0.300	5.400	Cu.m		
	Wing wall	4	2.500	1.250	0.700	8.750	Cu.m		
	U/S D/S cut-off walls	2	1.500	0.400	0.700	0.840	Cu.m		
					Total	16.489	Cu.m	625.89	10,320.30
2	Providing and laying plain machine mixed cement concrete using coarse sand and crushed aggregate having maximum size upto 1- 1/2" (38mm) & down gauge in foundation including levelling, compacting and curing. (1:4:8). (S.I.No.5-5c)								
	Pipe culvert Base	1	12.000	1.500	0.100	1.800			
	Wing wall	4	2.500	1.175	0.100	1.175			
						3.273	Cu.m	11768.99	38,514.02
3	Providing and laying in position ready mixed concrete for reinforced cement concrete work, using cement content as per approved design mix, manufactured in fully automatic batching plant and transported to site of work in transit mixer for all leads, having continuous agitated mixer, manufactured as per mix design of specified grade for reinforced cement concrete work including pumping of R.M.C. from transit mixer to site of laying , excluding the cost of centering, shuttering finishing and reinforcement including cost of admixtures in recommended proportions as per mix design to accelerate/ retard setting of concrete, improve workability without impairing strength and durability as per direction of the Engineer - in - charge. (1:1-1/2:3).4000Psi (S.I.No. 5- 26b+d)								
	Pipe culvert (Around pipe)	1	12.000	1.500	1.600	28.800			
	Parapit wall	2	1.500	0.300	0.600	0.540			
					Total	29.340	Cu.m		
	D/D of Pipe	1	12.000	Area	0.636	7.634	Cu.m		
						23.877	Cu.m	25538.36	609,767.24

CONSTRUCTION OF BLACK TOPPED ROAD FROM MAIN ROAD TO SADIQ BAKHAR UMAR SUKHIYA ALIANNI VILLAGES

[illegible]

GWADAR LASBELA LIVELIHOODS SUPPORT PROJECT PHASE-II (GLLSP-II)
CONSTRUCTION OF BLACK TOPPED ROAD FROM MAIN ROAD TO SADIQ
BAKHAR UMAR SUKHIYA ALIANNI VILLAGES

DETAIL OF RETAINING WALL

GWADAR LASBELA LIVELIHOODS SUPPORT PROJECT PHASE-II (GLLSP-II)

**CONSTRUCTION OF BLACK TOPPED ROAD FROM MAIN ROAD TO SADIQ BAKHAR UMAR
SUKHIYA ALIANNI VILLAGES**

S.NO	DESCRIPTION	UNIT	Length (m)	RATE (Rs)	AMOUNT PK RS.
A.	STRUCTURE WORK <u>BOX CULVERT</u>				
1	Retaining wall 3 m Height	"	40	48,655	1,946,208
TOTAL				40	1,946,207.97

CONSTRUCTION OF BLACK TOPPED ROAD FROM MAIN ROAD TO SADIO BAKHAR UMAR SUKHIYA ALIANNI VILLAGES

[illegible]

GWADAR LASBELA LIVELIHOODS SUPPORT PROJECT PHASE-II (GLLSP-II)
CONSTRUCTION OF BLACK TOPPED ROAD FROM MAIN ROAD TO SADIQ BAKHAR UMAR SUKHIYA ALIANNI
VILLAGES

SCHEDULE OF PCC WALL

S.No	CHAINAGE		LENGTH (M)	SIDE	T. LENGTH (M)	Height (M)	Remarks
	FROM	TO					
1			14.000	1	14.000	3.000	
2			17.000	1	17.000	3.000	
3			9.000	1	9.000	3.000	
			Total Length		40.000		

GWADAR LASBELA LIVELIHOODS SUPPORT PROJECT PHASE-II (GLLSP-II)

**CONSTRUCTION OF BLACK TOPPED ROAD FROM MAIN ROAD TO SADIQ BAKHAR
UMAR SUKHIYA ALIANNI VILLAGES**

RCC Retaining Wall/ Brast Wall			Remarks
No.	Description	Amount (Pak Rs.)	
1	RCC Retaining Wall/ Brast Wall	4,040,711	
TOTAL		4,040,711	

GWADAR LASBELA LIVELIHOODS SUPPORT PROJECT PHASE-II (GLLSP-II)
CONSTRUCTION OF BLACK TOPPED ROAD FROM MAIN ROAD TO SADIQ BAKHAR UMAR
SUKHIYA ALIANNI VILLAGES

RCC Retaining Wall/ Brast Wall

CSR 2023

S.No	DESCRIPTION	QTY	Rate (Rs.)	AMOUNT (Rs)
1	Excavation in foundation of buildings and bridges including layout, dressing, refilling around structures with excavated earth, watering & ramming lead upto 100 ft. (30m) & lift upto 5 ft. (1.5m) (S.I. NO.3-21b iv)	106.66	625.89	66,757.43
2	Providing and laying cement concrete using approved coarse sand and crushed aggregate 3/4" (19mm) & down gauge in foundation including leveling, compacting and curing.1:4:8 (S.I.No.5-8e)	10.67	12674.78	135,189.20
3	Providing and laying in position ready mixed concrete for reinforced cement concrete work, using cement content as per approved design mix, manufactured in fully automatic batching plant and transported to site of work in transit mixer for all leads, having continuous agitated mixer, manufactured as per mix design of specified grade for reinforced cement concrete work including pumping of R.M.C. from transit mixer to site of laying , excluding the cost of centering, shuttering finishing and reinforcement including cost of admixtures in recommended proportions as per mix design to accelerate/ retard setting of concrete, improve workability without impairing strength and durability as per direction of the Engineer - in - charge.(1:1-1/2:3).4000Psi Bed (S.I.No. 5-26b+d)	35.44	25538.36	905,105.02
4	Providing and laying in position ready mixed concrete for reinforced cement concrete work, using cement content as per approved design mix, manufactured in fully automatic batching plant and transported to site of work in transit mixer for all leads, having continuous agitated mixer, manufactured as per mix design of specified grade for reinforced cement concrete work including pumping of R.M.C. from transit mixer to site of laying , excluding the cost of centering, shuttering finishing and reinforcement including cost of admixtures in recommended proportions as per mix design to accelerate/ retard setting of concrete, improve workability without impairing strength and durability as per direction of the Engineer - in - charge.(1:1-1/2:3).4000Psi Wall (S.I.No. 5-26b+e)	19.88	27507.92	546,719.91
5	Providing, fabricating and laying deformed Grade 60 steel reinforcement (deformed bar) for all kinds of R.C.C work in foundation, plinth and ground floor including the cost of straightening, removal of rust, cutting, bending, binding, wastage and providing such over-laps as are not shown on the drawings. The cost of binding wire and cement concrete spacer blocks or chairs for binding and holding the reinforcement in position is inclusive upto 15 ft. (5m) height (S.I.No. 5-65)	6.736	354350.42	2,386,939.86
Total Rs.				4,040,711.42

CONSTRUCTION OF BLACK TOPPED ROAD FROM MAIN ROAD TO SADIQ BAKHAR UMAR SUKHIYA ALIANNI VILLAGES

1-Structural Excavation

S No.	RD		No.	Length		Depth	Quantity (CM)
	From	To					
1			1	12.0	2.590	1.000	31.080
2			1	13.0	2.590	1.000	33.670
3			1	11.0	3.810	1.000	41.910
				36.0			
Total Quantity							106.66

CONSTRUCTION OF BLACK TOPPED ROAD FROM MAIN ROAD TO SADIQ BAKHAR UMAR SUKHIYA ALIANNI VILLAGES

S No.	RD		No.	Length		Depth	Quantity (CM)
	From	To					
1			1	12.00	2.590	0.10	3.11
2			1	13.00	2.590	0.10	3.37
3			1	11.00	3.810	0.10	4.19
Total Quantity							10.67

Detail Quantities

Bed Concrete

S No.	From	To	No.	Length		Depth	Quantity (CM)
R/Wall (Bed Under Ground)							
1			1	12.0	2.440	0.350	10.248
2			1	13.0	2.440	0.350	11.102
3			1	11.0	3.660	0.350	14.091
Total Quantity							35.441

CONSTRUCTION OF BLACK TOPPED ROAD FROM MAIN ROAD TO SADIQ BAKHAR UMAR SUKHIYA ALIANNI VILLAGES

Walls Concrete

S No.	From	To	No.	Length		Depth	Quantity (CM)
R/Wall (Wall On Ground)							
1			1	12.0	0.300	2.650	9.540
2			1	13.0	0.300	2.650	10.335
3			1	11.0	0.300	3.650	12.045
Total Quantity							19.875

GWADAR LASBELA LIVELIHOODS SUPPORT PROJECT PHASE-II (GLLSP-II)
CONSTRUCTION OF BLACK TOPPED ROAD FROM MAIN ROAD TO SADIQ BAKHAR
UMAR SUKHIYA ALIANNI VILLAGES

Detail Quantities of Steel

S No.	RD		No.	Concrete (CM)	Steel (Kgs)
	From	To			
1			1	19.788	1978.80
2			1	21.437	2143.70
3			1	26.136	2613.60
Total Quantity (Kgs)					6736.10
Total Quantity (Tonnes)					6.74

GWADAR LASBELA LIVELIHOODS SUPPORT PROJECT PHASE-II (GLLSP-II)

**CONSTRUCTION OF BLACK TOPPED ROAD FROM MAIN ROAD TO SADIQ BAKHAR UMAR SUKHIYA
ALIANNI VILLAGES**

PCC Retaining Wall/ Brast Wall					Remarks
No.	Description	Unit	Length	Amount (Pak Rs.)	
1	PCC Retaining Wall / Brast Wall	Rm	52.00	2,173,579	
TOTAL				2,173,579	

CONSTRUCTION OF BLACK TOPPED ROAD FROM MAIN ROAD TO SADIQ BAKHAR UMAR SUKHIYA ALIANNI VILLAGES

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GWADAR LASBELA LIVELIHOODS SUPPORT PROJECT PHASE-II (GLLSP-II)

**CONSTRUCTION OF BLACK TOPPED ROAD FROM MAIN ROAD TO SADIQ BAKHAR
UMAR SUKHIYA ALIANNI VILLAGES**

SCHEDULE OF PCC WALL

S.No	CHAINAGE FROM TO		LENGTH (M)	SIDE	T. LENGTH (M)	HEIGHT STRAIGHT (M)	HEIGHT SLOPE 1.5:1 (M)	Remarks
1			17	1	17	2.00	3.606	
2			10	1	10	2.00	3.606	
3			25	1	25	2.00	3.606	

LENGTH (M) 52

GWADAR LASBELA LIVELIHOODS SUPPORT PROJECT PHASE-II (GLLSP-II)

**CONSTRUCTION OF BLACK TOPPED ROAD FROM MAIN ROAD TO SADIQ BAKHAR UMAR
SUKHIYA ALIANNI VILLAGES**

PCC Drain				Remarks
No.	Description	Unit	Amount (Pak Rs.)	
1	PCC Side Drain	57.00	391,283	
TOTAL			391,283	

PCC Side Drain

[illegible]

GWADAR LASBELA LIVELIHOODS SUPPORT PROJECT PHASE-II (GLLSP-II)

**CONSTRUCTION OF BLACK TOPPED ROAD FROM MAIN ROAD TO SADIQ BAKHAR
UMAR SUKHIYA ALIANNI VILLAGES**

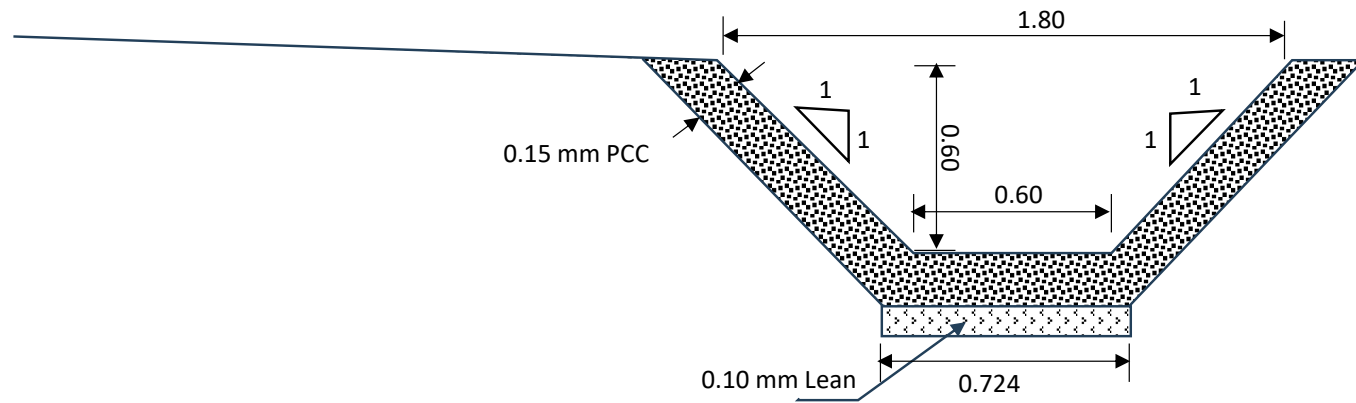
SCHEDULE OF PCC Drain

S.No	CHAINAGE FROM TO		Side	LENGTH (M)	T. LENGTH (M)	Remarks
1			1	10	10	
2			1	12	12	
3			1	35	35	

LENGTH (M) 57

GWADAR LASBELA LIVELIHOODS SUPPORT PROJECT PHASE-II (GLLSP-II)

CONSTRUCTION OF BLACK TOPPED ROAD FROM MAIN ROAD TO SADIQ BAKHAR UMAR SUKHIYA ALIANNI VILLAGES



**SECTION OF
SIDE DRAIN**

GWADAR LASBELA LIVELIHOODS SUPPORT PROJECT PHASE-II (GLLSP-II)
CONSTRUCTION OF BLACK TOPPED ROAD FROM MAIN ROAD TO SADIQ BAKHAR
UMAR SUKHIYA ALIANNI VILLAGES

PARAPET WALLS

GWADAR LASBELA LIVELIHOODS SUPPORT PROJECT PHASE-II (GLLSP-II)

**CONSTRUCTION OF BLACK TOPPED ROAD FROM MAIN ROAD TO SADIQ BAKHAR UMAR SUKHIYA ALIANNI
VILLAGES**

S.NO	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT PK RS.
1	<u>PCC PARAPET WALL</u> PCC Parapet Wall	No.	26	8,833.40	229,668
TOTAL					229,668
GRAND TOTAL					229,668

GWADAR LASBELA LIVELIHOODS SUPPORT PROJECT PHASE-II (GLLSP-II)

**CONSTRUCTION OF BLACK TOPPED ROAD FROM MAIN ROAD TO SADIQ BAKHAR
UMAR SUKHIYA ALIANNI VILLAGES**

SCHEDULE OF PARAPET WAL

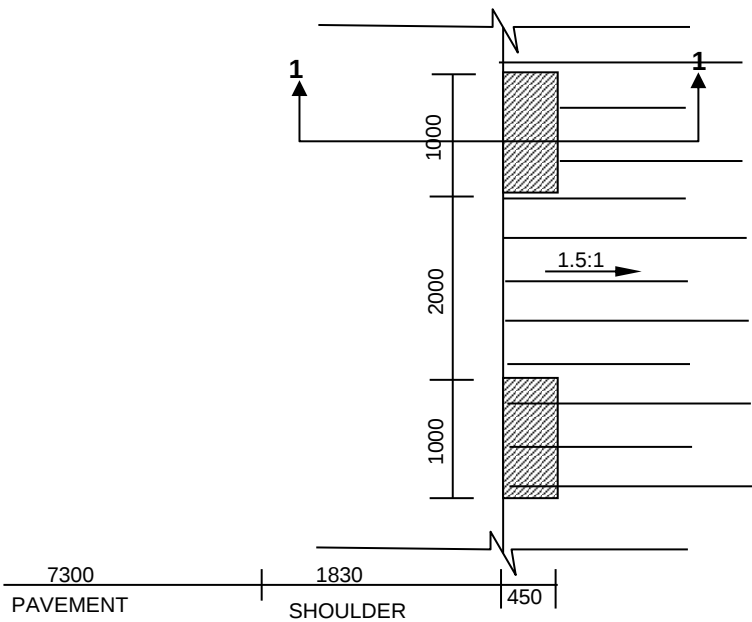
S.NO	CHAINAGE FROM TO		LENGTH (M)	SIDE	TOTAL LENGTH (M)	PARAPET WAL No,s
1			21	1	21	8
2			18	1	18	7
3			15	2	30	11
						26

Parapet Wall Per No. Cost (1.00 x 0.45 x 1.00)

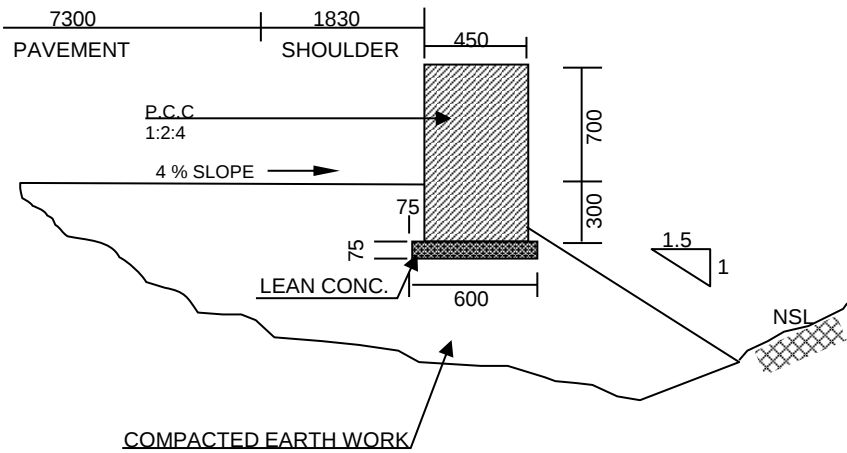
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Government of Balochistan

CONSTRUCTION OF BLACK TOPPED ROAD FROM MAIN ROAD TO SADIQ BAKHAR UMAR SUKHIYA
ALIANNI VILLAGES



PLAN
OF PARAPET WALL



SECTION 1-1
OF PARAPET WALL