

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

CONSTRUCTION OF B/T ROAD FROM KUMACH ROAD TO MYARKA

DETAIL ESTIMATE

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

CONSTRUCTION OF B/T ROAD FROM KUMACH ROAD TO MYARKA

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	
4	RCC wall	
5	PCC Wall	
7	PCC Side Drain	
8	PCC Parapet Walls	
C	ANCILLARY WORKS	
	SUB TOTAL (A+B+C)	
D	Add 4% BSTS	
	Total Capital Cost. (A to D)	
	Total in (Million)	

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

CONSTRUCTION OF B/T ROAD FROM KUMACH ROAD TO MYARKA

**DETAIL OF
BILL#1
EARTH WORK**

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

CONSTRUCTION OF B/T ROAD FROM KUMACH ROAD TO MYARKA

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		27045.47	
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		27045.47	
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		245.25	
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		23191.25	
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 B/T ROAD FROM KUMACH ROAD TO MYARKA****CG & NGC**

Chainage	Length(m)	Left	Right	Total Width	Average Width	Area
00+000	0.00	3.562	4.044	7.606	0.000	0.000
00+025	25.00	3.229	5.632	8.861	8.234	205.838
00+050	25.00	3.496	8.018	11.514	10.188	254.688
00+075	25.00	5.022	5.756	10.778	11.146	278.650
00+100	25.00	5.611	6.930	12.541	11.660	291.488
00+125	25.00	5.640	7.931	13.571	13.056	326.400
00+150	25.00	5.648	5.897	11.545	12.558	313.950
00+175	25.00	5.820	5.778	11.598	11.572	289.288
00+200	25.00	0.000	0.000	0.000	5.799	144.975
00+225	25.00	3.006	5.950	8.956	4.478	111.950
00+250	25.00	5.559	5.389	10.948	9.952	248.800
00+275	25.00	5.706	6.426	12.132	11.540	288.500
00+300	25.00	6.004	4.087	10.091	11.112	277.788
00+325	25.00	5.596	4.444	10.040	10.066	251.638
00+350	25.00	4.067	5.523	9.590	9.815	245.375
00+375	25.00	4.290	4.979	9.269	9.430	235.738
00+400	25.00	5.524	5.836	11.360	10.315	257.863
00+425	25.00	6.301	4.798	11.099	11.230	280.738
00+450	25.00	5.945	5.120	11.065	11.082	277.050
00+475	25.00	5.425	4.521	9.946	10.506	262.638
00+500	25.00	5.005	4.768	9.773	9.860	246.488
00+525	25.00	4.838	6.054	10.892	10.333	258.313
00+550	25.00	4.918	5.862	10.780	10.836	270.900
00+575	25.00	5.070	5.262	10.332	10.556	263.900
00+600	25.00	5.292	4.930	10.222	10.277	256.925
00+625	25.00	5.558	5.171	10.729	10.476	261.888
00+650	25.00	5.812	6.253	12.065	11.397	284.925
00+675	25.00	5.994	4.392	10.386	11.226	280.638
00+700	25.00	5.956	7.641	13.597	11.992	299.788
00+725	25.00	4.262	3.342	7.604	10.601	265.013
00+750	25.00	8.439	8.077	16.516	12.060	301.500
00+775	25.00	7.790	7.686	15.476	15.996	399.900
00+800	25.00	7.194	6.877	14.071	14.774	369.338
00+825	25.00	6.480	6.191	12.671	13.371	334.275
00+850	25.00	5.347	6.298	11.645	12.158	303.950
00+875	25.00	4.996	5.371	10.367	11.006	275.150
00+900	25.00	4.348	4.426	8.774	9.571	239.263
00+925	25.00	3.989	4.032	8.021	8.398	209.938
00+950	25.00	4.405	6.537	10.942	9.482	237.038
00+975	25.00	4.289	4.864	9.153	10.048	251.188
01+000	25.00	3.959	4.138	8.097	8.625	215.625
01+025	25.00	3.907	4.642	8.549	8.323	208.075
01+050	25.00	4.165	5.648	9.813	9.181	229.525
01+075	25.00	5.245	7.504	12.749	11.281	282.025
01+100	25.00	3.863	7.322	11.185	11.967	299.175
01+125	25.00	4.371	9.226	13.597	12.391	309.775
01+150	25.00	5.129	6.477	11.606	12.602	315.038
01+175	25.00	5.934	6.398	12.332	11.969	299.225
01+200	25.00	6.041	6.783	12.824	12.578	314.450
01+225	25.00	4.726	4.591	9.317	11.071	276.763

GWADAR LASBELA LIVELIHOODS SUPPORT PROJECT PHASE-II (GLLSP-II)**CONSTRUCTION OF B/T ROAD FROM KUMACH ROAD TO MYARKA****CG & NGC**

Chainage	Length(m)	Left	Right	Total Width	Average Width	Area
01+250	25.00	5.935	6.075	12.010	10.664	266.588
01+275	25.00	5.717	6.458	12.175	12.093	302.313
01+300	25.00	4.923	6.438	11.361	11.768	294.200
01+325	25.00	4.475	6.738	11.213	11.287	282.175
01+350	25.00	5.809	7.134	12.943	12.078	301.950
01+375	25.00	3.865	5.706	9.571	11.257	281.425
01+400	25.00	4.554	4.936	9.490	9.531	238.263
01+425	25.00	4.400	4.678	9.078	9.284	232.100
01+450	25.00	4.370	4.400	8.770	8.924	223.100
01+475	25.00	3.694	4.203	7.897	8.334	208.338
01+500	25.00	4.382	5.204	9.586	8.742	218.538
01+525	25.00	4.715	5.784	10.499	10.043	251.063
01+550	25.00	5.346	6.415	11.761	11.130	278.250
01+575	25.00	4.719	5.276	9.995	10.878	271.950
01+600	25.00	6.015	5.188	11.203	10.599	264.975
01+625	25.00	5.789	6.677	12.466	11.835	295.863
01+650	25.00	5.492	5.525	11.017	11.742	293.538
01+675	25.00	3.509	5.561	9.070	10.044	251.088
01+700	25.00	4.897	5.834	10.731	9.901	247.513
01+725	25.00	5.338	7.041	12.379	11.555	288.875
01+750	25.00	4.027	7.674	11.701	12.040	301.000
01+775	25.00	3.671	6.010	9.681	10.691	267.275
01+800	25.00	3.369	5.172	8.541	9.111	227.775
01+825	25.00	1.501	7.916	9.417	8.979	224.480
01+850	25.00	4.145	7.726	11.871	10.644	266.105
01+875	25.00	5.090	7.038	12.128	12.000	299.988
01+900	25.00	5.123	4.721	9.844	10.986	274.650
01+925	25.00	5.125	7.494	12.619	11.232	280.788
01+950	25.00	5.086	7.882	12.968	12.794	319.838
01+975	25.00	4.139	5.887	10.026	11.497	287.425
02+000	25.00	4.993	6.969	11.962	10.994	274.850
02+025	25.00	4.340	5.911	10.251	11.107	277.663
02+050	25.00	4.041	4.834	8.875	9.563	239.075
02+075	25.00	3.980	3.849	7.829	8.352	208.800
02+100	25.00	4.291	5.085	9.376	8.603	215.063
02+125	25.00	5.138	6.423	11.561	10.469	261.713
02+150	25.00	5.006	5.832	10.838	11.200	279.988
02+175	25.00	5.216	7.297	12.513	11.676	291.888
02+200	25.00	4.322	11.415	15.737	14.125	353.125
02+225	25.00	5.036	11.548	16.584	16.161	404.013
02+250	25.00	5.196	10.523	15.719	16.152	403.788
02+275	25.00	4.104	9.144	13.248	14.484	362.088
02+300	25.00	4.849	6.428	11.277	12.263	306.563
02+325	25.00	5.941	4.202	10.143	10.710	267.750
02+350	25.00	4.481	6.934	11.415	10.779	269.475
02+375	25.00	4.978	5.650	10.628	11.022	275.538
02+400	25.00	4.060	5.182	9.242	9.935	248.375
02+425	25.00	6.927	7.033	13.960	11.601	290.025
02+450	25.00	5.763	4.861	10.624	12.292	307.300
02+475	25.00	5.759	4.708	10.467	10.546	263.638
						27045.473

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

CONSTRUCTION OF B/T ROAD FROM KUMACH ROAD TO MYARKA

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	0.000	0.000	0.000	1.520	0.000	0.000
00+025	25.00	0.100	0.050	1.250	1.330	1.425	35.625
00+050	25.00	0.000	0.050	1.250	3.080	2.205	55.125
00+075	25.00	0.000	0.000	0.000	9.300	6.190	154.750
00+100	25.00	0.000	0.000	0.000	13.890	11.595	289.875
00+125	25.00	0.000	0.000	0.000	12.500	13.195	329.875
00+150	25.00	0.000	0.000	0.000	11.380	11.940	298.500
00+175	25.00	0.000	0.000	0.000	9.580	10.480	262.000
00+200	25.00	8.640	4.320	108.000	0.000	4.790	119.750
00+225	25.00	0.090	4.365	109.125	2.380	1.190	29.750
00+250	25.00	0.000	0.045	1.125	7.460	4.920	123.000
00+275	25.00	0.000	0.000	0.000	15.290	11.375	284.375
00+300	25.00	0.000	0.000	0.000	6.790	11.040	276.000
00+325	25.00	0.000	0.000	0.000	7.030	6.910	172.750
00+350	25.00	0.030	0.015	0.375	2.990	5.010	125.250
00+375	25.00	0.000	0.015	0.375	5.270	4.130	103.250
00+400	25.00	0.000	0.000	0.000	11.870	8.570	214.250
00+425	25.00	0.000	0.000	0.000	10.300	11.085	277.125
00+450	25.00	0.000	0.000	0.000	8.060	9.180	229.500
00+475	25.00	0.000	0.000	0.000	8.290	8.175	204.375
00+500	25.00	0.000	0.000	0.000	6.000	7.145	178.625
00+525	25.00	0.000	0.000	0.000	8.170	7.085	177.125
00+550	25.00	0.000	0.000	0.000	7.670	7.920	198.000
00+575	25.00	0.000	0.000	0.000	7.210	7.440	186.000
00+600	25.00	0.000	0.000	0.000	8.030	7.620	190.500
00+625	25.00	0.000	0.000	0.000	9.310	8.670	216.750
00+650	25.00	0.000	0.000	0.000	10.480	9.895	247.375
00+675	25.00	0.000	0.000	0.000	8.880	9.680	242.000
00+700	25.00	0.000	0.000	0.000	15.530	12.205	305.125
00+725	25.00	0.000	0.000	0.000	2.090	8.810	220.250
00+750	25.00	0.000	0.000	0.000	30.330	16.210	405.250
00+775	25.00	0.000	0.000	0.000	22.150	26.240	656.000
00+800	25.00	0.000	0.000	0.000	19.520	20.835	520.875
00+825	25.00	0.000	0.000	0.000	15.810	17.665	441.625
00+850	25.00	0.000	0.000	0.000	12.140	13.975	349.375
00+875	25.00	0.000	0.000	0.000	8.920	10.530	263.250
00+900	25.00	0.000	0.000	0.000	5.270	7.095	177.375
00+925	25.00	0.000	0.000	0.000	1.700	3.485	87.125
00+950	25.00	0.000	0.000	0.000	6.880	4.290	107.250
00+975	25.00	0.000	0.000	0.000	5.370	6.125	153.125
01+000	25.00	0.000	0.000	0.000	2.850	4.110	102.750
01+025	25.00	0.000	0.000	0.000	3.380	3.115	77.875
01+050	25.00	0.000	0.000	0.000	6.100	4.740	118.500
01+075	25.00	0.000	0.000	0.000	12.180	9.140	228.500
01+100	25.00	0.000	0.000	0.000	7.630	9.905	247.625
01+125	25.00	0.000	0.000	0.000	8.720	8.175	204.375
01+150	25.00	0.000	0.000	0.000	10.610	9.665	241.625
01+175	25.00	0.000	0.000	0.000	13.920	12.265	306.625
01+200	25.00	0.000	0.000	0.000	15.610	14.765	369.125
01+225	25.00	0.000	0.000	0.000	4.340	9.975	249.375
01+250	25.00	0.000	0.000	0.000	14.160	9.250	231.250
01+275	25.00	0.000	0.000	0.000	14.360	14.260	356.500
01+300	25.00	0.000	0.000	0.000	13.400	13.880	347.000
01+325	25.00	0.000	0.000	0.000	14.000	13.700	342.500
01+350	25.00	0.000	0.000	0.000	15.630	14.815	370.375
01+375	25.00	0.000	0.000	0.000	3.580	9.605	240.125
01+400	25.00	0.000	0.000	0.000	6.150	4.865	121.625
01+425	25.00	0.000	0.000	0.000	4.950	5.550	138.750
01+450	25.00	0.000	0.000	0.000	4.130	4.540	113.500
01+475	25.00	0.000	0.000	0.000	1.830	2.980	74.500
01+500	25.00	0.000	0.000	0.000	5.790	3.810	95.250
01+525	25.00	0.000	0.000	0.000	8.760	7.275	181.875
01+550	25.00	0.000	0.000	0.000	11.930	10.345	258.625
01+575	25.00	0.000	0.000	0.000	9.750	10.840	271.000
01+600	25.00	0.000	0.000	0.000	14.250	12.000	300.000
01+625	25.00	0.000	0.000	0.000	14.270	14.260	356.500
01+650	25.00	0.000	0.000	0.000	11.500	12.885	322.125
01+675	25.00	0.000	0.000	0.000	8.480	9.990	249.750
01+700	25.00	0.000	0.000	0.000	6.420	7.450	186.250
01+725	25.00	0.000	0.000	0.000	8.500	7.460	186.500
01+750	25.00	0.000	0.000	0.000	11.020	9.760	244.000
01+775	25.00	0.000	0.000	0.000	8.690	9.855	246.375
01+800	25.00	0.000	0.000	0.000	3.310	6.000	150.000
01+825	25.00	0.520	0.260	6.500	7.440	5.375	134.375
01+850	25.00	0.420	0.470	11.750	4.490	5.965	149.125
01+875	25.00	0.000	0.210	5.250	7.450	5.970	149.250
01+900	25.00	0.000	0.000	0.000	4.730	6.090	152.250
01+925	25.00	0.000	0.000	0.000	9.180	6.955	173.875
01+950	25.00	0.010	0.005	0.125	5.680	7.430	185.750

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CONSTRUCTION OF B/T ROAD FROM KUMACH ROAD TO MYARKA

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+975	25.00	0.000	0.005	0.125	4.320	5.000	125.000
02+000	25.00	0.000	0.000	0.000	11.850	8.085	202.125
02+025	25.00	0.000	0.000	0.000	8.670	10.260	256.500
02+050	25.00	0.000	0.000	0.000	4.990	6.830	170.750
02+075	25.00	0.000	0.000	0.000	2.280	3.635	90.875
02+100	25.00	0.000	0.000	0.000	5.430	3.855	96.375
02+125	25.00	0.000	0.000	0.000	11.440	8.435	210.875
02+150	25.00	0.000	0.000	0.000	9.940	10.690	267.250
02+175	25.00	0.000	0.000	0.000	14.110	12.025	300.625
02+200	25.00	0.000	0.000	0.000	28.610	21.360	534.000
02+225	25.00	0.000	0.000	0.000	21.480	25.045	626.125
02+250	25.00	0.000	0.000	0.000	22.620	22.050	551.250
02+275	25.00	0.000	0.000	0.000	8.410	15.515	387.875
02+300	25.00	0.000	0.000	0.000	10.690	9.550	238.750
02+325	25.00	0.000	0.000	0.000	6.160	8.425	210.625
02+350	25.00	0.000	0.000	0.000	10.810	8.485	212.125
02+375	25.00	0.000	0.000	0.000	10.530	10.670	266.750
02+400	25.00	0.000	0.000	0.000	5.990	8.260	206.500
02+425	25.00	0.000	0.000	0.000	20.540	13.265	331.625
02+450	25.00	0.000	0.000	0.000	7.100	13.820	345.500
02+475	25.00	0.000	0.000	0.000	7.000	7.050	176.250
Length(m)	2475.00		Cut Volume(Cu.m)	245.250		Fill Volume(Cu.m)	23191.250

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

CONSTRUCTION OF B/T ROAD FROM KUMACH ROAD TO MYARKA

BILL#2

SUB BASE & BASE

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

CONSTRUCTION OF B/T ROAD FROM KUMACH ROAD TO MYARKA

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		1,563.42	
	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		1563.42	
	(S.i.No 1K) 11 to 13th Km	Cum		1563.42	
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		2,128.41	
	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		2128.41	
	(S.i.No 1K) 11 to 13th Km	Cum		2128.41	
SUB.Total					
Above/ below ____% Premium if any on CSR 2023					
G.Total					

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

CONSTRUCTION OF B/T ROAD FROM KUMACH ROAD TO MYARKA

Detail Quantities

Natural pitrun gravel 50 mm (2") Supplying

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	02+475	2475	4.2112	0.15	1563.42	Main Road
Total									1563.42	

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

CONSTRUCTION OF B/T ROAD FROM KUMACH ROAD TO MYARKA

Detail Quantities

Aggregate Base Course

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	02+475	2475	3.905	0.15	1449.77	Main Road
2	Aggregate Base	Cum	2	00+000	02+475	2475	0.914	0.15	678.65	Shoulders
Total								2128.41		

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

CONSTRUCTION OF B/T ROAD FROM KUMACH ROAD TO MYARKA

BILL#3

SURFACING

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

CONSTRUCTION OF B/T ROAD FROM KUMACH ROAD TO MYARKA

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		9286.30	
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		9160.03	
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		4524.30	
Sub.Total					
Above/ below ____% Premium if any on CSR 2023					
G.Total					

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

CONSTRUCTION OF B/T ROAD FROM KUMACH ROAD TO MYARKA

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	02+475	2475	3.752	9286	Main Road
G.Total								9286.30	

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

CONSTRUCTION OF B/T ROAD FROM KUMACH ROAD TO MYARKA

Detail Quantities

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	02+475	2475	3.701	9160	Main Road
G.Total								9160.03	

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

CONSTRUCTION OF B/T ROAD FROM KUMACH ROAD TO MYARKA

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	02+475	2475	0.914	4524	Shoulder Both Side
G.Total								4524.30	

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

CONSTRUCTION OF B/T ROAD FROM KUMACH ROAD TO MYARKA

BILL#5

ANCILLARY

WORKS

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

CONSTRUCTION OF B/T ROAD FROM KUMACH ROAD TO MYARKA

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		4.0	
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		4950.0	
5	P/L Road Marking With Recflective TP Thermoplastic) paint for 4 meters arrows. (S.I.# 17-50-1)	R m		6.0	
6	Reflectorized Plastic Pavement Stud (Raised Profile Type - Double) (S.I.# 21-86 b)	Each		626.0	
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		4.0	
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		2.0	
	TOTAL Amount (Rs.)				

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

CONSTRUCTION OF B/T ROAD FROM KUMACH ROAD TO MYARKA

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	02+475	2475	4950.0	Both sides full length Main Road
		Total					4950.0	

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

CONSTRUCTION OF B/T ROAD FROM KUMACH ROAD TO MYARKA

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
		Total					6.0	

GWADAR LASBELA LIVELIHOODS SUPPORT PROJECT PHASE-II (GLLSP-II)**CONSTRUCTION OF B/T ROAD FROM KUMACH ROAD TO MYARKA****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	02+475	2475	619	In 2 Rows having 8m interval Main Road
4	Crossing	Each	2			7.32	7.0	In 2 Rows having 3m interval
	Total						626	

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

CONSTRUCTION OF B/T ROAD FROM KUMACH ROAD TO MYARKA

DETAIL ESTIMATE

Right of way marker (150mm x 150mm x 750mm)

S No.	Description	Unit	Chainage (Km)		L (M)	No,s	Qty (M)	Remarks
			From	To				
1	Main Rod	Each	00+000	02+475	2475	2	4	1 Km interval Both Side
Total							4	

S No.	Description	Unit	Chainage (Km)		L (M)	No,s	Qty (M)	Remarks
			From	To				
1	Kilometer post	Each	00+000	02+475	2475	2	2	1 Km interval
Total							2	

GWADAR LASBELA LIVELIHOODS SUPPORT PROJECT PHASE-II (GLLSP-II)
CONSTRUCTION OF B/T ROAD FROM KUMACH ROAD TO MYARKA

STRUCTURES WORKS

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

CONSTRUCTION OF B/T ROAD FROM KUMACH ROAD TO MYARKA

STRUCTURE WORKS

S.NO	DESCRIPTION	Unit	Qty.	AMOUNT PK RS.
1	RCC Box Culverts	No	3	
2	RCC Pipe Culverts	No	4	
4	RCC wall	RM	22	
5	PCC Wall	RM	27	
7	PCC Side Drain	RM	43	
8	PCC Parapet Walls	No	14	
TOTAL				

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

CONSTRUCTION OF B/T ROAD FROM KUMACH ROAD TO MYARKA

DETAIL OF BOX CULVERTS

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

CONSTRUCTION OF B/T ROAD FROM KUMACH ROAD TO MYARKA

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.	1		
2	RCC Box Culvert (3 x 2.5 x 2 M)	No.	1		
3	RCC Box Culvert (3 x 3 x 2 M)	No.	1		
TOTAL			3		

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

CONSTRUCTION OF B/T ROAD FROM KUMACH ROAD TO MYARKA

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		
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		
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		
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		

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

	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		
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		
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		
8	Rip Rap Class-B SP-01 D/S of Culvert Apron	1	Area 6.773		0.300	2.032		
	(S.I.No. 19-31 b)			Per Cu.m	Total	2.032		
9	Mortor Rip Rap SP-02 D/S of Culvert Apron	1	Area 6.773			6.773		
	(S.I.No. 19-34a)			Per Sqm	Total	6.773		
	Sub.Total							
	Above/ below % Premium if any on CSR 2023							
	G.Total							

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

CONSTRUCTION OF B/T ROAD FROM KUMACH ROAD TO MYARKA

DETAIL ESTIMATE OF RCC BOX CULVERT (Cell No.= 3 Span = 2.5 Height = 2) 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	9.700	1.000	106.700		
	Toe Wall	2	9.700	0.500	0.750	7.275		
	Wing Wall Bed	2	21.776		1.000	43.552		
	Wing Wall Bed	2	21.776		1.000	43.552		
	Cut of Wall	1	16.700	0.300	1.000	5.010		
	(S.I. NO.3-21b iv)			Per Cu.m	Total	206.089		
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	8.900	0.100	8.366		
	Toe Wall	2	8.900	0.400	0.100	0.712		
	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	14.454		
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	119.558		Kgs 11178.673	Tons 11.179		
	(S.I.No. 5- 65a)			Per tonne	Total	11.738		
4	Providing and laying in position ready mixed							
	Culvert Base slab	1	10.000	8.700	0.350	30.450		
	Toe wall	2	8.700	0.650	0.300	3.393		
	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	16.700	0.300	1.000	5.010		
	(S.I.No. 5- 26b+d)			Per Cu.m	Total	52.999		

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

CONSTRUCTION OF B/T ROAD FROM KUMACH ROAD TO MYARKA

DETAIL ESTIMATE OF RCC BOX CULVERT (Cell No.= 3 Span = 2.5 Height = 2) m

[illegible]

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

CONSTRUCTION OF B/T ROAD FROM KUMACH ROAD TO MYARKA

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

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

CONSTRUCTION OF B/T ROAD FROM KUMACH ROAD TO MYARKA

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

[illegible]

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

CONSTRUCTION OF B/T ROAD FROM KUMACH ROAD TO MYARKA

Link Road

PIPE CULVERTS

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

CONSTRUCTION OF B/T ROAD FROM KUMACH ROAD TO MYARKA

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.	4		
		Total No.	4		
TOTAL					

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

CONSTRUCTION OF B/T ROAD FROM KUMACH ROAD TO MYARKA

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		
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		
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		

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

CONSTRUCTION OF B/T ROAD FROM KUMACH ROAD TO MYARKA

DETAIL OF RETAINING WALL

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

CONSTRUCTION OF B/T ROAD FROM KUMACH ROAD TO MYARKA

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

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

CONSTRUCTION OF B/T ROAD FROM KUMACH ROAD TO MYARKA

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)	55.69		
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)	5.57		
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)	18.36		
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)	17.09		
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)	3.545		
	SUB.Total			
	Above/ below ____% Premium if any on CSR 2023			
	G.Total			

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

CONSTRUCTION OF B/T ROAD FROM KUMACH ROAD TO MYARKA

Detail Quantities

1-Structural Excavation

S No.	RD		No.	Length		Depth	Quantity (CM)
	From	To					
1			1	10.0	2.590	1.000	25.900
2			1	11.5	2.590	1.000	29.785
				21.5			
Total Quantity							55.69

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

CONSTRUCTION OF B/T ROAD FROM KUMACH ROAD TO MYARKA

Detail Quantities

Bed Concrete

S No.	From	To	No.	Length		Depth	Quantity (CM)
R/Wall (Bed Under Ground)							
1			1	10.0	2.440	0.350	8.540
2			1	11.5	2.440	0.350	9.821
Total Quantity							18.361

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

CONSTRUCTION OF B/T ROAD FROM KUMACH ROAD TO MYARKA

Detail Quantities

Walls Concrete

S No.	From	To	No.	Length		Depth	Quantity (CM)
R/Wall (Wall On Ground)							
1			1	10.0	0.300	2.650	7.950
2			1	11.5	0.300	2.650	9.143
Total Quantity							17.093

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

CONSTRUCTION OF B/T ROAD FROM KUMACH ROAD TO MYARKA

Detail Quantities of Steel

S No.	RD		No.	Concrete (CM)	Steel (Kgs)
	From	To			
1			1	16.490	1649.00
2			1	18.964	1896.35
Total Quantity (Kgs)					3545.35
Total Quantity (Tonnes)					3.55

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

CONSTRUCTION OF B/T ROAD FROM KUMACH ROAD TO MYARKA

PCC Retaining Wall/ Brast Wall					Remarks
No.	Description	Unit	Length	Amount (Pak Rs.)	
1	PCC Retaining Wall / Brast Wall	Rm	27.00		
TOTAL					

CONSTRUCTION OF B/T ROAD FROM KUMACH ROAD TO MYARKA

S.No	DESCRIPTION	Unit	Rate (Rs.)	L	B	D/H	QTY	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) Ordinary Soil (S.I. NO.3-21b ii)	Cum		27.00	1.20	1.40	45.36	
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) (S.I.No.5-8e)	Cum		27.00	1.20	0.10	3.24	
3	Providing and laying cement concrete using approved coarse sand and crushed aggregate 3/4"(19mm) & downgauge in foundation including leveling, compacting and curing. (1:2:4) (S.I.No.5-8c)	Cum		27.00	1.00	0.30	8.10	
4	Providing & laying in situ cement concrete in wall and piers etc, upto 12"(300mm) in thickness using approved coarse sand & crushed aggregate 3/4"(19mm) & downgauge including compacting, curing, cost of formwork and its removal in basement and ground floor (1:2:4). (S.I.No. 5-13c)	Cum		27.00	0.45	2.00	24.30	
			Total Rs.					
		SUB.Total						
		Above/ below ____% Premium if any on CSR 2023						
		G.Total						

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

CONSTRUCTION OF B/T ROAD FROM KUMACH ROAD TO MYARKA

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			13	1	13	2.00	3.606	
2			14	1	14	2.00	3.606	
LENGTH (M)					27			

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

CONSTRUCTION OF B/T ROAD FROM KUMACH ROAD TO MYARKA

PCC Drain				Remarks
No.	Description	Unit	Amount (Pak Rs.)	
1	PCC Side Drain	43.00		
TOTAL				

PCC Side Drain

S.No	DESCRIPTION	L	B	D/H	QTY	Unit	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) Ordinary Soil (S.I. NO.3-21b ii)	43.00	0.724	0.10	3.11	Cum		
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)	43.00	0.724	0.10	3.11	Cum		
3	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. (1:2:4). (S.I.No. 5-5a)	43.00	2.57	0.15	16.58	Cum		
	SUB.Total							
	Above/ below ___ % Premium if any on CSR 2023							
	G.Total							

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

CONSTRUCTION OF B/T ROAD FROM KUMACH ROAD TO MYARKA

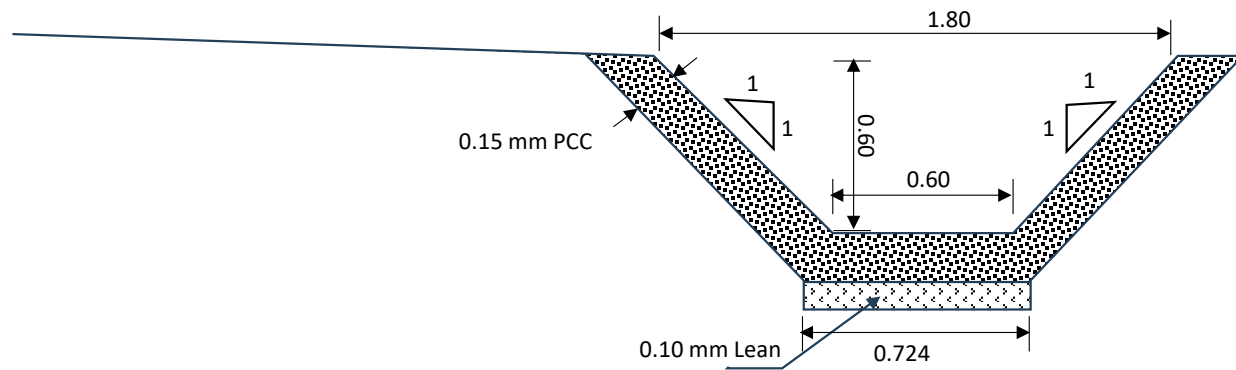
SCHEDULE OF PCC Drain

S.No	CHAINAGE FROM TO		Side	LENGTH (M)	T. LENGTH (M)	Remarks
1			1	8	8	
2			2	12	24	
3			1	11	11	

LENGTH (M) 43

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

CONSTRUCTION OF B/T ROAD FROM KUMACH ROAD TO MYARKA



**SECTION OF
SIDE DRAIN**

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

CONSTRUCTION OF B/T ROAD FROM KUMACH ROAD TO MYARKA

PARAPET WALLS

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

CONSTRUCTION OF B/T ROAD FROM KUMACH ROAD TO MYARKA

S.NO	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT PK RS.
1	PCC Parapet Wall	No.	14		
SUB.TOTAL					
Above/ below ____% Premium if any on CSR 2023					
GRAND TOTAL					

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

CONSTRUCTION OF B/T ROAD FROM KUMACH ROAD TO MYARKA

SCHEDULE OF PARAPET WAL

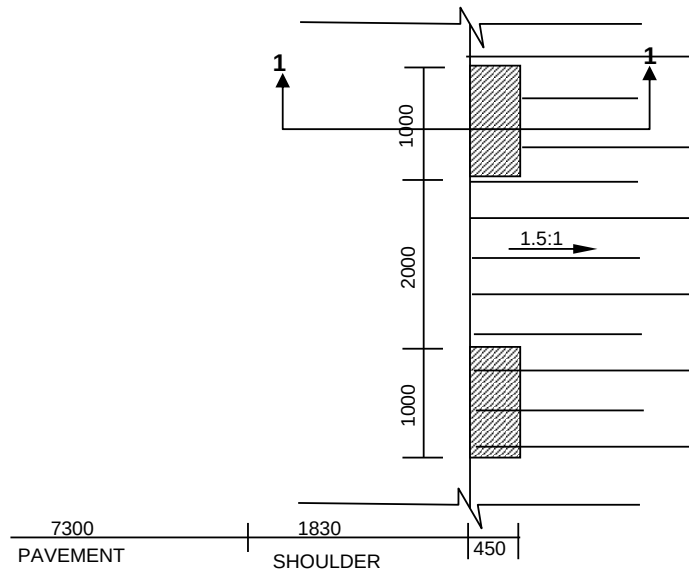
S.NO	CHAINAGE FROM TO		LENGTH (M)	SIDE	TOTAL LENGTH (M)	PARAPET WAL No,s
1			16	1	16	6
2			11	1	11	5
3			5	1	5	3
						14

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

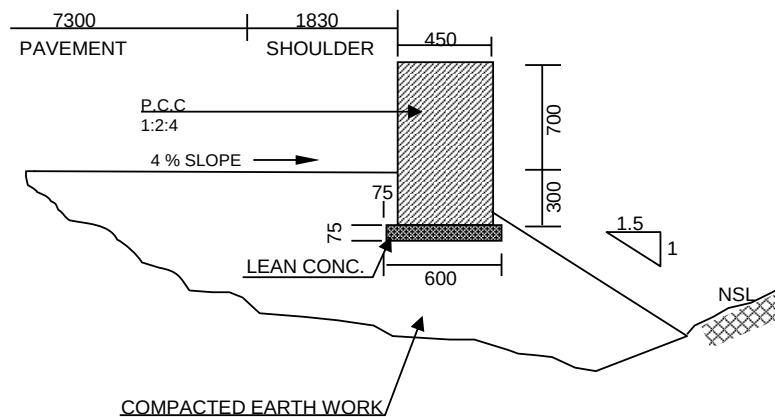
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Government of Balochistan

CONSTRUCTION OF B/T ROAD FROM KUMACH ROAD TO MYARKA



PLAN
OF PARAPET WALL



SECTION 1-1
OF PARAPET WALL