

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

**CONSTRUCTION OF ROAD FROM MAIN MAKRAN COASTAL HIGHWAY TO
CHUKAIN VILLAGE**

DETAIL ESTIMATE

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

CONSTRUCTION OF ROAD FROM MAIN MAKRAN COASTAL HIGHWAY TO CHUKAIN VILLAGE

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 Parapet Walls	
C	ANCILLARY WORKS	
	SUB TOTAL (A+B+C+D)	
D	Add 4% BSTS	
	Total Capital Cost. (A to D)	
	Total in (Million)	

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**CONSTRUCTION OF ROAD FROM MAIN MAKRAN COASTAL HIGHWAY TO
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**DETAIL OF
BILL#1
EARTH WORK**

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

CONSTRUCTION OF ROAD FROM MAIN MAKRAN COASTAL HIGHWAY TO CHUKAIN VILLAGE

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		64127.06	
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		64127.06	
3	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		56508.13	
S.TOTAL					
Above/ below ____% Premium if any on CSR 2023					
GRAND TOTAL					

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CG & NGC						
Chainage	Length(m)	Left	Right	Total Width	Average Width	Area
00+000	0.00	3.528	3.662	7.190	0.000	0.000
00+025	25.00	6.693	6.908	13.601	10.396	259.888
00+050	25.00	6.541	6.259	12.800	13.201	330.013
00+075	25.00	5.755	5.677	11.432	12.116	302.900
00+100	25.00	5.323	5.230	10.553	10.993	274.813
00+125	25.00	5.025	5.140	10.165	10.359	258.975
00+150	25.00	4.838	4.955	9.793	9.979	249.475
00+175	25.00	4.771	4.771	9.542	9.668	241.688
00+200	25.00	4.659	4.761	9.420	9.481	237.025
00+225	25.00	4.672	4.628	9.300	9.360	234.000
00+250	25.00	4.813	4.753	9.566	9.433	235.825
00+275	25.00	4.922	4.898	9.820	9.693	242.325
00+300	25.00	5.015	4.989	10.004	9.912	247.800
00+325	25.00	4.842	5.063	9.905	9.955	248.863
00+350	25.00	5.333	5.070	10.403	10.154	253.850
00+375	25.00	5.270	5.298	10.568	10.486	262.138
00+400	25.00	5.910	5.695	11.605	11.087	277.163
00+425	25.00	5.734	5.659	11.393	11.499	287.475
00+450	25.00	5.552	5.647	11.199	11.296	282.400
00+475	25.00	5.398	5.523	10.921	11.060	276.500
00+500	25.00	5.227	5.347	10.574	10.748	268.688
00+525	25.00	5.047	5.139	10.186	10.380	259.500
00+550	25.00	4.963	5.003	9.966	10.076	251.900
00+575	25.00	4.967	4.984	9.951	9.959	248.963
00+600	25.00	5.051	5.061	10.112	10.032	250.788
00+625	25.00	5.262	5.269	10.531	10.322	258.038
00+650	25.00	5.498	5.474	10.972	10.752	268.788
00+675	25.00	5.727	5.680	11.407	11.190	279.738
00+700	25.00	5.934	5.886	11.820	11.614	290.338
00+725	25.00	6.207	5.993	12.200	12.010	300.250
00+750	25.00	6.151	6.008	12.159	12.180	304.488
00+775	25.00	6.149	6.031	12.180	12.170	304.238
00+800	25.00	6.232	6.063	12.295	12.238	305.938
00+825	25.00	6.048	5.979	12.027	12.161	304.025
00+850	25.00	5.702	5.539	11.241	11.634	290.850
00+875	25.00	5.344	5.225	10.569	10.905	272.625
00+900	25.00	5.422	5.365	10.787	10.678	266.950
00+925	25.00	5.726	5.670	11.396	11.092	277.288
00+950	25.00	6.161	6.105	12.266	11.831	295.775
00+975	25.00	6.537	6.413	12.950	12.608	315.200
01+000	25.00	7.143	6.634	13.777	13.364	334.088
01+025	25.00	6.990	6.965	13.955	13.866	346.650
01+050	25.00	6.821	6.779	13.600	13.778	344.438
01+075	25.00	6.382	6.365	12.747	13.174	329.338
01+100	25.00	5.744	5.747	11.491	12.119	302.975
01+125	25.00	5.129	5.155	10.284	10.888	272.188
01+150	25.00	4.676	4.703	9.379	9.832	245.788
01+175	25.00	4.378	4.389	8.767	9.073	226.825
01+200	25.00	4.380	4.330	8.710	8.739	218.463
01+225	25.00	4.396	4.354	8.750	8.730	218.250

GWADAR LASBELA LIVELIHOODS SUPPORT PROJECT PHASE-II (GLLSP-II)**CONSTRUCTION OF ROAD FROM MAIN MAKRAN COASTAL HIGHWAY TO CHUKAIN VILLAGE**

CG & NGC						
Chainage	Length(m)	Left	Right	Total Width	Average Width	Area
01+250	25.00	4.418	4.441	8.859	8.805	220.113
01+275	25.00	4.490	4.505	8.995	8.927	223.175
01+300	25.00	4.537	4.526	9.063	9.029	225.725
01+325	25.00	4.559	4.546	9.105	9.084	227.100
01+350	25.00	4.599	4.553	9.152	9.129	228.213
01+375	25.00	4.614	4.569	9.183	9.168	229.188
01+400	25.00	4.630	4.605	9.235	9.209	230.225
01+425	25.00	4.688	4.695	9.383	9.309	232.725
01+450	25.00	4.725	4.739	9.464	9.424	235.588
01+475	25.00	4.730	4.744	9.474	9.469	236.725
01+500	25.00	4.742	4.729	9.471	9.473	236.813
01+525	25.00	4.767	4.721	9.488	9.480	236.988
01+550	25.00	4.780	4.750	9.530	9.509	237.725
01+575	25.00	4.807	4.778	9.585	9.558	238.938
01+600	25.00	4.834	4.811	9.645	9.615	240.375
01+625	25.00	4.846	4.841	9.687	9.666	241.650
01+650	25.00	4.838	4.825	9.663	9.675	241.875
01+675	25.00	4.839	4.820	9.659	9.661	241.525
01+700	25.00	4.850	4.861	9.711	9.685	242.125
01+725	25.00	4.835	4.854	9.689	9.700	242.500
01+750	25.00	4.796	4.760	9.556	9.623	240.563
01+775	25.00	4.727	4.722	9.449	9.503	237.563
01+800	25.00	4.785	4.778	9.563	9.506	237.650
01+825	25.00	4.899	4.851	9.750	9.657	241.413
01+850	25.00	4.902	4.957	9.859	9.805	245.113
01+875	25.00	4.970	4.984	9.954	9.907	247.663
01+900	25.00	5.091	5.115	10.206	10.080	252.000
01+925	25.00	5.220	5.176	10.396	10.301	257.525
01+950	25.00	5.305	5.245	10.550	10.473	261.825
01+975	25.00	5.374	5.347	10.721	10.636	265.888
02+000	25.00	5.397	5.327	10.724	10.723	268.063
02+025	25.00	5.407	5.305	10.712	10.718	267.950
02+050	25.00	5.408	5.297	10.705	10.709	267.713
02+075	25.00	5.381	5.282	10.663	10.684	267.100
02+100	25.00	5.350	5.268	10.618	10.641	266.013
02+125	25.00	5.141	5.085	10.226	10.422	260.550
02+150	25.00	4.890	4.837	9.727	9.977	249.413
02+175	25.00	4.865	4.586	9.451	9.589	239.725
02+200	25.00	4.861	4.459	9.320	9.386	234.638
02+225	25.00	5.595	5.680	11.275	10.298	257.438
02+250	25.00	5.464	5.500	10.964	11.120	277.988
02+275	25.00	5.277	5.242	10.519	10.742	268.538
02+300	25.00	5.030	5.018	10.048	10.284	257.088
02+325	25.00	4.742	4.851	9.593	9.821	245.513
02+350	25.00	4.726	4.814	9.540	9.567	239.163
02+375	25.00	4.757	4.845	9.602	9.571	239.275
02+400	25.00	4.789	4.878	9.667	9.635	240.863
02+425	25.00	4.756	4.842	9.598	9.633	240.813
02+450	25.00	4.743	4.804	9.547	9.573	239.313
02+475	25.00	4.775	4.825	9.600	9.574	239.338

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CG & NGC						
Chainage	Length(m)	Left	Right	Total Width	Average Width	Area
02+500	25.00	4.883	4.933	9.816	9.708	242.700
02+525	25.00	4.990	5.050	10.040	9.928	248.200
02+550	25.00	5.076	5.155	10.231	10.136	253.388
02+575	25.00	5.073	5.151	10.224	10.228	255.688
02+600	25.00	5.070	5.169	10.239	10.232	255.788
02+625	25.00	5.078	5.208	10.286	10.263	256.563
02+650	25.00	5.113	5.252	10.365	10.326	258.138
02+675	25.00	5.237	5.437	10.674	10.520	262.988
02+700	25.00	5.457	5.529	10.986	10.830	270.750
02+725	25.00	5.490	5.604	11.094	11.040	276.000
02+750	25.00	5.650	6.128	11.778	11.436	285.900
02+775	25.00	5.787	5.356	11.143	11.461	286.513
02+800	25.00	5.169	5.152	10.321	10.732	268.300
02+825	25.00	4.665	4.260	8.925	9.623	240.575
02+850	25.00	6.764	5.857	12.621	10.773	269.325
02+875	25.00	7.203	7.000	14.203	13.412	335.300
02+900	25.00	7.425	7.672	15.097	14.650	366.250
02+925	25.00	7.501	7.826	15.327	15.212	380.300
02+950	25.00	6.877	7.266	14.143	14.735	368.375
02+975	25.00	4.958	3.621	8.579	11.361	284.025
03+000	25.00	2.953	5.274	8.227	8.403	210.075
03+025	25.00	4.762	4.848	9.610	8.919	222.963
03+050	25.00	2.948	4.847	7.795	8.703	217.563
03+075	25.00	3.931	4.216	8.147	7.971	199.275
03+100	25.00	3.711	4.994	8.705	8.426	210.650
03+125	25.00	3.910	5.269	9.179	8.942	223.550
03+150	25.00	4.533	4.822	9.355	9.267	231.675
03+175	25.00	6.304	6.461	12.765	11.060	276.500
03+200	25.00	4.889	7.117	12.006	12.386	309.638
03+225	25.00	6.713	6.654	13.367	12.687	317.163
03+250	25.00	6.021	6.056	12.077	12.722	318.050
03+275	25.00	4.557	6.056	10.613	11.345	283.625
03+300	25.00	4.705	6.626	11.331	10.972	274.300
03+325	25.00	6.962	7.076	14.038	12.685	317.113
03+350	25.00	7.468	7.401	14.869	14.454	361.338
03+375	25.00	7.816	7.796	15.612	15.241	381.013
03+400	25.00	8.042	8.009	16.051	15.832	395.788
03+425	25.00	7.964	7.891	15.855	15.953	398.825
03+450	25.00	7.802	7.626	15.428	15.642	391.038
03+475	25.00	7.459	7.377	14.836	15.132	378.300
03+500	25.00	7.284	7.192	14.476	14.656	366.400
03+525	25.00	7.125	7.006	14.131	14.304	357.588
03+550	25.00	6.894	6.837	13.731	13.931	348.275
03+575	25.00	7.445	6.187	13.632	13.682	342.038
03+600	25.00	6.620	5.645	12.265	12.949	323.713
03+625	25.00	6.410	5.830	12.240	12.253	306.313
03+650	25.00	6.706	6.110	12.816	12.528	313.200
03+675	25.00	6.330	6.054	12.384	12.600	315.000
03+700	25.00	6.251	6.244	12.495	12.440	310.988
03+725	25.00	6.724	6.758	13.482	12.989	324.713

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CG & NGC						
Chainage	Length(m)	Left	Right	Total Width	Average Width	Area
03+750	25.00	7.295	7.017	14.312	13.897	347.425
03+775	25.00	7.073	7.256	14.329	14.321	358.013
03+800	25.00	6.056	6.709	12.765	13.547	338.675
03+825	25.00	7.453	6.105	13.558	13.162	329.038
03+850	25.00	7.169	5.131	12.300	12.929	323.225
03+875	25.00	7.878	6.536	14.414	13.357	333.925
03+900	25.00	7.261	6.802	14.063	14.239	355.963
03+925	25.00	7.020	6.471	13.491	13.777	344.425
03+950	25.00	6.323	5.489	11.812	12.652	316.288
03+975	25.00	6.190	5.954	12.144	11.978	299.450
04+000	25.00	5.914	5.832	11.746	11.945	298.625
04+025	25.00	5.871	5.829	11.700	11.723	293.075
04+050	25.00	5.892	5.820	11.712	11.706	292.650
04+075	25.00	5.903	5.799	11.702	11.707	292.675
04+100	25.00	5.720	5.665	11.385	11.544	288.588
04+125	25.00	5.417	5.353	10.770	11.078	276.938
04+150	25.00	5.239	5.167	10.406	10.588	264.700
04+175	25.00	5.448	5.240	10.688	10.547	263.675
04+200	25.00	5.657	5.320	10.977	10.833	270.813
04+225	25.00	5.568	5.345	10.913	10.945	273.625
04+250	25.00	5.400	5.337	10.737	10.825	270.625
04+275	25.00	5.348	5.322	10.670	10.704	267.588
04+300	25.00	5.208	5.298	10.506	10.588	264.700
04+325	25.00	5.174	5.430	10.604	10.555	263.875
04+350	25.00	5.097	5.319	10.416	10.510	262.750
04+375	25.00	5.148	5.219	10.367	10.392	259.788
04+400	25.00	5.189	5.074	10.263	10.315	257.875
04+425	25.00	5.205	4.936	10.141	10.202	255.050
04+450	25.00	5.222	4.951	10.173	10.157	253.925
04+475	25.00	6.101	3.881	9.982	10.078	251.938
04+500	25.00	7.473	4.914	12.387	11.185	279.613
04+525	25.00	6.768	7.590	14.358	13.373	334.313
04+550	25.00	6.347	7.841	14.188	14.273	356.825
04+575	25.00	5.118	5.654	10.772	12.480	312.000
04+600	25.00	4.969	5.439	10.408	10.590	264.750
04+625	25.00	4.794	4.470	9.264	9.836	245.900
04+650	25.00	3.233	4.063	7.296	8.280	207.000
04+675	25.00	3.953	4.943	8.896	8.096	202.400
04+700	25.00	4.841	5.045	9.886	9.391	234.775
04+725	25.00	4.902	4.905	9.807	9.847	246.163
04+750	25.00	4.703	4.543	9.246	9.527	238.163
04+775	25.00	4.414	4.430	8.844	9.045	226.125
04+800	25.00	4.301	4.321	8.622	8.733	218.325
04+825	25.00	4.266	4.247	8.513	8.568	214.188
04+850	25.00	4.144	4.194	8.338	8.426	210.638
04+875	25.00	4.079	4.137	8.216	8.277	206.925
04+900	25.00	3.979	4.103	8.082	8.149	203.725
04+925	25.00	3.835	3.877	7.712	7.897	197.425
04+950	25.00	3.582	3.630	7.212	7.462	186.550
04+975	25.00	3.314	3.517	6.831	7.022	175.538

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CONSTRUCTION OF ROAD FROM MAIN MAKRAN COASTAL HIGHWAY TO CHUKAIN VILLAGE

CG & NGC						
Chainage	Length(m)	Left	Right	Total Width	Average Width	Area
Link Road						
00+000	0.00	4.459	2.744	7.203	0.000	0.000
00+025	25.00	4.431	4.466	8.897	8.050	201.250
00+050	25.00	4.403	4.476	8.879	8.888	222.200
00+075	25.00	4.391	4.467	8.858	8.869	221.713
00+100	25.00	4.382	4.459	8.841	8.850	221.238
00+125	25.00	4.325	4.395	8.720	8.781	219.513
00+150	25.00	4.242	4.266	8.508	8.614	215.350
00+175	25.00	4.201	4.133	8.334	8.421	210.525
00+200	25.00	4.024	3.963	7.987	8.161	204.013
00+225	25.00	3.846	3.795	7.641	7.814	195.350
00+250	25.00	3.669	3.658	7.327	7.484	187.100
00+275	25.00	3.507	3.602	7.109	7.218	180.450
00+300	25.00	3.345	3.444	6.789	6.949	173.725
00+325	25.00	3.621	3.754	7.375	7.082	177.050
00+350	25.00	4.063	4.209	8.272	7.824	195.588
00+375	25.00	4.650	4.648	9.298	8.785	219.625
00+400	25.00	4.436	4.826	9.262	9.280	232.000
00+425	25.00	4.435	4.771	9.206	9.234	230.850
00+450	25.00	4.860	4.889	9.749	9.478	236.938
00+475	25.00	4.759	4.742	9.501	9.625	240.625
00+500	25.00	4.513	4.596	9.109	9.305	232.625
00+525	25.00	4.598	4.323	8.921	9.015	225.375
00+550	25.00	5.335	4.906	10.241	9.581	239.525
00+575	25.00	5.338	5.420	10.758	10.500	262.488
00+600	25.00	4.751	5.321	10.072	10.415	260.375
00+625	25.00	4.413	4.729	9.142	9.607	240.175
00+650	25.00	4.458	4.607	9.065	9.104	227.588
00+675	25.00	4.514	4.638	9.152	9.109	227.713
00+700	25.00	4.655	4.703	9.358	9.255	231.375
00+725	25.00	4.759	4.783	9.542	9.450	236.250
00+750	25.00	4.785	4.629	9.414	9.478	236.950
00+775	25.00	4.679	4.547	9.226	9.320	233.000
00+800	25.00	4.899	4.380	9.279	9.253	231.313
00+825	25.00	4.535	4.781	9.316	9.298	232.438
00+850	25.00	4.411	4.785	9.196	9.256	231.400
00+875	25.00	4.602	4.707	9.309	9.253	231.313
00+900	25.00	4.882	4.914	9.796	9.553	238.813
00+925	25.00	4.812	4.751	9.563	9.680	241.988
00+950	25.00	4.799	4.758	9.557	9.560	239.000
00+975	25.00	4.830	4.786	9.616	9.587	239.663
01+000	25.00	4.927	4.878	9.805	9.711	242.763
01+025	25.00	5.093	5.119	10.212	10.009	250.213
01+050	25.00	5.308	5.355	10.663	10.438	260.938
01+075	25.00	5.322	5.266	10.588	10.626	265.638
01+100	25.00	5.156	5.107	10.263	10.426	260.638
						64127.063

GWADAR LASBELA LIVELIHOODS SUPPORT PROJECT PHASE-II (GLLSP-II)							
CONSTRUCTION OF ROAD FROM MAIN MAKRAN COASTAL HIGHWWAY TO CHUKAIN VILLAGE							
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+000	0.00	0.000	0.000	0.000	1.410	0.000	0.000
00+025	25.00	0.000	0.000	0.000	17.180	9.295	232.375
00+050	25.00	0.000	0.000	0.000	15.760	16.470	411.750
00+075	25.00	0.000	0.000	0.000	11.250	13.505	337.625
00+100	25.00	0.000	0.000	0.000	8.730	9.990	249.750
00+125	25.00	0.000	0.000	0.000	7.660	8.195	204.875
00+150	25.00	0.000	0.000	0.000	7.010	7.335	183.375
00+175	25.00	0.000	0.000	0.000	6.200	6.605	165.125
00+200	25.00	0.000	0.000	0.000	5.630	5.915	147.875
00+225	25.00	0.000	0.000	0.000	5.900	5.765	144.125
00+250	25.00	0.000	0.000	0.000	5.800	5.850	146.250
00+275	25.00	0.000	0.000	0.000	6.640	6.220	155.500
00+300	25.00	0.000	0.000	0.000	6.900	6.770	169.250
00+325	25.00	0.000	0.000	0.000	7.500	7.200	180.000
00+350	25.00	0.000	0.000	0.000	8.350	7.925	198.125
00+375	25.00	0.000	0.000	0.000	8.940	8.645	216.125
00+400	25.00	0.000	0.000	0.000	11.620	10.280	257.000
00+425	25.00	0.000	0.000	0.000	11.350	11.485	287.125
00+450	25.00	0.000	0.000	0.000	10.650	11.000	275.000
00+475	25.00	0.000	0.000	0.000	9.850	10.250	256.250
00+500	25.00	0.000	0.000	0.000	8.910	9.380	234.500
00+525	25.00	0.000	0.000	0.000	7.940	8.425	210.625
00+550	25.00	0.000	0.000	0.000	7.310	7.625	190.625
00+575	25.00	0.000	0.000	0.000	7.300	7.305	182.625
00+600	25.00	0.000	0.000	0.000	7.720	7.510	187.750
00+625	25.00	0.000	0.000	0.000	8.810	8.265	206.625
00+650	25.00	0.000	0.000	0.000	10.020	9.415	235.375
00+675	25.00	0.000	0.000	0.000	11.200	10.610	265.250
00+700	25.00	0.000	0.000	0.000	12.400	11.800	295.000
00+725	25.00	0.000	0.000	0.000	13.530	12.965	324.125
00+750	25.00	0.000	0.000	0.000	13.330	13.430	335.750
00+775	25.00	0.000	0.000	0.000	13.480	13.405	335.125
00+800	25.00	0.000	0.000	0.000	13.870	13.675	341.875
00+825	25.00	0.000	0.000	0.000	13.020	13.445	336.125
00+850	25.00	0.000	0.000	0.000	10.730	11.875	296.875
00+875	25.00	0.000	0.000	0.000	8.840	9.785	244.625
00+900	25.00	0.000	0.000	0.000	9.490	9.165	229.125
00+925	25.00	0.000	0.000	0.000	11.160	10.325	258.125
00+950	25.00	0.000	0.000	0.000	13.750	12.455	311.375
00+975	25.00	0.000	0.000	0.000	15.960	14.855	371.375
01+000	25.00	0.000	0.000	0.000	17.830	16.895	422.375
01+025	25.00	0.000	0.000	0.000	19.330	18.580	464.500
01+050	25.00	0.000	0.000	0.000	18.060	18.695	467.375
01+075	25.00	0.000	0.000	0.000	15.240	16.650	416.250
01+100	25.00	0.000	0.000	0.000	11.410	13.325	333.125
01+125	25.00	0.000	0.000	0.000	8.150	9.780	244.500
01+150	25.00	0.000	0.000	0.000	5.940	7.045	176.125
01+175	25.00	0.000	0.000	0.000	4.530	5.235	130.875
01+200	25.00	0.000	0.000	0.000	4.460	4.495	112.375
01+225	25.00	0.000	0.000	0.000	4.460	4.460	111.500
01+250	25.00	0.000	0.000	0.000	4.750	4.605	115.125
01+275	25.00	0.000	0.000	0.000	5.070	4.910	122.750
01+300	25.00	0.000	0.000	0.000	5.210	5.140	128.500
01+325	25.00	0.000	0.000	0.000	5.310	5.260	131.500
01+350	25.00	0.000	0.000	0.000	5.420	5.365	134.125
01+375	25.00	0.000	0.000	0.000	5.480	5.450	136.250
01+400	25.00	0.000	0.000	0.000	5.570	5.525	138.125
01+425	25.00	0.000	0.000	0.000	5.950	5.760	144.000
01+450	25.00	0.000	0.000	0.000	6.140	6.045	151.125
01+475	25.00	0.000	0.000	0.000	6.160	6.150	153.750
01+500	25.00	0.000	0.000	0.000	6.170	6.165	154.125
01+525	25.00	0.000	0.000	0.000	6.220	6.195	154.875
01+550	25.00	0.000	0.000	0.000	6.340	6.280	157.000
01+575	25.00	0.000	0.000	0.000	6.480	6.410	160.250
01+600	25.00	0.000	0.000	0.000	6.610	6.545	163.625
01+625	25.00	0.000	0.000	0.000	6.690	6.650	166.250
01+650	25.00	0.000	0.000	0.000	6.630	6.660	166.500
01+675	25.00	0.000	0.000	0.000	6.600	6.615	165.375
01+700	25.00	0.000	0.000	0.000	6.730	6.665	166.625
01+725	25.00	0.000	0.000	0.000	6.680	6.705	167.625
01+750	25.00	0.000	0.000	0.000	6.370	6.525	163.125
01+775	25.00	0.000	0.000	0.000	6.100	6.235	155.875
01+800	25.00	0.000	0.000	0.000	6.370	6.235	155.875
01+825	25.00	0.000	0.000	0.000	6.810	6.590	164.750
01+850	25.00	0.000	0.000	0.000	7.080	6.945	173.625
01+875	25.00	0.000	0.000	0.000	7.300	7.190	179.750
01+900	25.00	0.000	0.000	0.000	7.950	7.625	190.625
01+925	25.00	0.000	0.000	0.000	8.510	8.230	205.750
01+950	25.00	0.000	0.000	0.000	8.890	8.700	217.500

GWADAR LASBELA LIVELIHOODS SUPPORT PROJECT PHASE-II (GLLSP-II)							
CONSTRUCTION OF ROAD FROM MAIN MAKRAN COASTAL HIGHWWAY TO CHUKAIN VILLAGE							
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	9.300	9.095	227.375
02+000	25.00	0.000	0.000	0.000	9.340	9.320	233.000
02+025	25.00	0.000	0.000	0.000	9.310	9.325	233.125
02+050	25.00	0.000	0.000	0.000	9.260	9.285	232.125
02+075	25.00	0.000	0.000	0.000	9.170	9.215	230.375
02+100	25.00	0.000	0.000	0.000	9.050	9.110	227.750
02+125	25.00	0.000	0.000	0.000	8.010	8.530	213.250
02+150	25.00	0.000	0.000	0.000	6.770	7.390	184.750
02+175	25.00	0.000	0.000	0.000	5.900	6.335	158.375
02+200	25.00	0.000	0.000	0.000	5.780	5.840	146.000
02+225	25.00	0.000	0.000	0.000	11.330	8.555	213.875
02+250	25.00	0.000	0.000	0.000	10.130	10.730	268.250
02+275	25.00	0.000	0.000	0.000	8.770	9.450	236.250
02+300	25.00	0.000	0.000	0.000	7.610	8.190	204.750
02+325	25.00	0.000	0.000	0.000	6.530	7.070	176.750
02+350	25.00	0.000	0.000	0.000	6.310	6.420	160.500
02+375	25.00	0.000	0.000	0.000	6.470	6.390	159.750
02+400	25.00	0.000	0.000	0.000	6.620	6.545	163.625
02+425	25.00	0.000	0.000	0.000	6.450	6.535	163.375
02+450	25.00	0.000	0.000	0.000	6.300	6.375	159.375
02+475	25.00	0.000	0.000	0.000	6.420	6.360	159.000
02+500	25.00	0.000	0.000	0.000	6.950	6.685	167.125
02+525	25.00	0.000	0.000	0.000	7.510	7.230	180.750
02+550	25.00	0.000	0.000	0.000	8.020	7.765	194.125
02+575	25.00	0.000	0.000	0.000	8.010	8.015	200.375
02+600	25.00	0.000	0.000	0.000	8.010	8.010	200.250
02+625	25.00	0.000	0.000	0.000	8.160	8.085	202.125
02+650	25.00	0.000	0.000	0.000	8.350	8.255	206.375
02+675	25.00	0.000	0.000	0.000	9.100	8.725	218.125
02+700	25.00	0.000	0.000	0.000	10.040	9.570	239.250
02+725	25.00	0.000	0.000	0.000	10.240	10.140	253.500
02+750	25.00	0.000	0.000	0.000	12.110	11.175	279.375
02+775	25.00	0.000	0.000	0.000	10.530	11.320	283.000
02+800	25.00	0.000	0.000	0.000	7.590	9.060	226.500
02+825	25.00	0.000	0.000	0.000	4.430	6.010	150.250
02+850	25.00	0.000	0.000	0.000	14.700	9.565	239.125
02+875	25.00	0.000	0.000	0.000	19.250	16.975	424.375
02+900	25.00	0.000	0.000	0.000	23.520	21.385	534.625
02+925	25.00	0.000	0.000	0.000	23.860	23.690	592.250
02+950	25.00	0.000	0.000	0.000	16.860	20.360	509.000
02+975	25.00	0.000	0.000	0.000	4.960	10.910	272.750
03+000	25.00	0.000	0.000	0.000	3.050	4.005	100.125
03+025	25.00	0.000	0.000	0.000	9.450	6.250	156.250
03+050	25.00	0.000	0.000	0.000	2.410	5.930	148.250
03+075	25.00	0.000	0.000	0.000	3.390	2.900	72.500
03+100	25.00	0.000	0.000	0.000	4.210	3.800	95.000
03+125	25.00	0.000	0.000	0.000	5.240	4.725	118.125
03+150	25.00	0.000	0.000	0.000	5.330	5.285	132.125
03+175	25.00	0.000	0.000	0.000	16.730	11.030	275.750
03+200	25.00	0.000	0.000	0.000	15.630	16.180	404.500
03+225	25.00	0.000	0.000	0.000	17.370	16.500	412.500
03+250	25.00	0.000	0.000	0.000	13.020	15.195	379.875
03+275	25.00	0.000	0.000	0.000	10.370	11.695	292.375
03+300	25.00	0.000	0.000	0.000	12.490	11.430	285.750
03+325	25.00	0.000	0.000	0.000	19.620	16.055	401.375
03+350	25.00	0.000	0.000	0.000	22.590	21.105	527.625
03+375	25.00	0.000	0.000	0.000	25.080	23.835	595.875
03+400	25.00	0.000	0.000	0.000	25.870	25.475	636.875
03+425	25.00	0.000	0.000	0.000	26.550	26.210	655.250
03+450	25.00	0.000	0.000	0.000	24.430	25.490	637.250
03+475	25.00	0.000	0.000	0.000	22.350	23.390	584.750
03+500	25.00	0.000	0.000	0.000	21.060	21.705	542.625
03+525	25.00	0.000	0.000	0.000	19.890	20.475	511.875
03+550	25.00	0.000	0.000	0.000	18.240	19.065	476.625
03+575	25.00	0.000	0.000	0.000	19.050	18.645	466.125
03+600	25.00	0.000	0.000	0.000	13.970	16.510	412.750
03+625	25.00	0.000	0.000	0.000	14.020	13.995	349.875
03+650	25.00	0.000	0.000	0.000	15.230	14.625	365.625
03+675	25.00	0.000	0.000	0.000	13.750	14.490	362.250
03+700	25.00	0.000	0.000	0.000	14.180	13.965	349.125
03+725	25.00	0.000	0.000	0.000	17.720	15.950	398.750
03+750	25.00	0.000	0.000	0.000	20.710	19.215	480.375
03+775	25.00	0.000	0.000	0.000	20.950	20.830	520.750
03+800	25.00	0.000	0.000	0.000	14.040	17.495	437.375
03+825	25.00	0.000	0.000	0.000	12.870	13.455	336.375
03+850	25.00	0.000	0.000	0.000	9.170	11.020	275.500
03+875	25.00	0.000	0.000	0.000	20.000	14.585	364.625
03+900	25.00	0.000	0.000	0.000	19.810	19.905	497.625
03+925	25.00	0.000	0.000	0.000	17.800	18.805	470.125

GWADAR LASBELA LIVELIHOODS SUPPORT PROJECT PHASE-II (GLLSP-II)							
CONSTRUCTION OF ROAD FROM MAIN MAKRAN COASTAL HIGHWAY TO CHUKAIN VILLAGE							
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)
03+950	25.00	0.000	0.000	0.000	13.440	15.620	390.500
03+975	25.00	0.000	0.000	0.000	13.590	13.515	337.875
04+000	25.00	0.000	0.000	0.000	12.080	12.835	320.875
04+025	25.00	0.000	0.000	0.000	12.160	12.120	303.000
04+050	25.00	0.000	0.000	0.000	12.150	12.155	303.875
04+075	25.00	0.000	0.000	0.000	12.200	12.175	304.375
04+100	25.00	0.000	0.000	0.000	11.150	11.675	291.875
04+125	25.00	0.000	0.000	0.000	9.450	10.300	257.500
04+150	25.00	0.000	0.000	0.000	8.490	8.970	224.250
04+175	25.00	0.000	0.000	0.000	9.250	8.870	221.750
04+200	25.00	0.000	0.000	0.000	10.050	9.650	241.250
04+225	25.00	0.000	0.000	0.000	10.050	10.050	251.250
04+250	25.00	0.000	0.000	0.000	9.500	9.775	244.375
04+275	25.00	0.000	0.000	0.000	9.060	9.280	232.000
04+300	25.00	0.000	0.000	0.000	9.150	9.105	227.625
04+325	25.00	0.000	0.000	0.000	8.670	8.910	222.750
04+350	25.00	0.000	0.000	0.000	8.170	8.420	210.500
04+375	25.00	0.000	0.000	0.000	8.030	8.100	202.500
04+400	25.00	0.000	0.000	0.000	7.840	7.935	198.375
04+425	25.00	0.000	0.000	0.000	7.780	7.810	195.250
04+450	25.00	0.000	0.000	0.000	7.870	7.825	195.625
04+475	25.00	0.000	0.000	0.000	6.790	7.330	183.250
04+500	25.00	0.000	0.000	0.000	22.400	14.595	364.875
04+525	25.00	0.000	0.000	0.000	21.620	22.010	550.250
04+550	25.00	0.000	0.000	0.000	22.290	21.955	548.875
04+575	25.00	0.000	0.000	0.000	9.410	15.850	396.250
04+600	25.00	0.000	0.000	0.000	8.430	8.920	223.000
04+625	25.00	0.000	0.000	0.000	5.410	6.920	173.000
04+650	25.00	0.000	0.000	0.000	1.260	3.335	83.375
04+675	25.00	0.000	0.000	0.000	5.120	3.190	79.750
04+700	25.00	0.000	0.000	0.000	7.050	6.085	152.125
04+725	25.00	0.000	0.000	0.000	7.190	7.120	178.000
04+750	25.00	0.000	0.000	0.000	5.550	6.370	159.250
04+775	25.00	0.000	0.000	0.000	4.700	5.125	128.125
04+800	25.00	0.000	0.000	0.000	4.230	4.465	111.625
04+825	25.00	0.000	0.000	0.000	3.890	4.060	101.500
04+850	25.00	0.000	0.000	0.000	3.630	3.760	94.000
04+875	25.00	0.000	0.000	0.000	3.360	3.495	87.375
04+900	25.00	0.000	0.000	0.000	3.100	3.230	80.750
04+925	25.00	0.000	0.000	0.000	2.370	2.735	68.375
04+950	25.00	0.000	0.000	0.000	1.440	1.905	47.625
04+975	25.00	0.000	0.000	0.000	0.760	1.100	27.500
Link Road							
00+000	0.00	0.000	0.000	0.000	4.130	0.000	0.000
00+025	25.00	0.000	0.000	0.000	4.830	4.480	112.000
00+050	25.00	0.000	0.000	0.000	4.790	4.810	120.250
00+075	25.00	0.000	0.000	0.000	4.750	4.770	119.250
00+100	25.00	0.000	0.000	0.000	4.710	4.730	118.250
00+125	25.00	0.000	0.000	0.000	4.440	4.575	114.375
00+150	25.00	0.000	0.000	0.000	3.920	4.180	104.500
00+175	25.00	0.000	0.000	0.000	3.620	3.770	94.250
00+200	25.00	0.000	0.000	0.000	2.900	3.260	81.500
00+225	25.00	0.000	0.000	0.000	2.230	2.565	64.125
00+250	25.00	0.000	0.000	0.000	1.690	1.960	49.000
00+275	25.00	0.000	0.000	0.000	1.270	1.480	37.000
00+300	25.00	0.000	0.000	0.000	0.700	0.985	24.625
00+325	25.00	0.000	0.000	0.000	1.740	1.220	30.500
00+350	25.00	0.000	0.000	0.000	3.480	2.610	65.250
00+375	25.00	0.000	0.000	0.000	5.770	4.625	115.625
00+400	25.00	0.000	0.000	0.000	5.760	5.765	144.125
00+425	25.00	0.000	0.000	0.000	5.330	5.545	138.625
00+450	25.00	0.000	0.000	0.000	6.830	6.080	152.000
00+475	25.00	0.000	0.000	0.000	6.220	6.525	163.125
00+500	25.00	0.000	0.000	0.000	5.330	5.775	144.375
00+525	25.00	0.000	0.000	0.000	4.560	4.945	123.625
00+550	25.00	0.000	0.000	0.000	8.110	6.335	158.375
00+575	25.00	0.000	0.000	0.000	9.390	8.750	218.750
00+600	25.00	0.000	0.000	0.000	8.060	8.725	218.125
00+625	25.00	0.000	0.000	0.000	5.090	6.575	164.375
00+650	25.00	0.000	0.000	0.000	5.210	5.150	128.750
00+675	25.00	0.000	0.000	0.000	5.360	5.285	132.125
00+700	25.00	0.000	0.000	0.000	5.890	5.625	140.625
00+725	25.00	0.000	0.000	0.000	6.280	6.085	152.125
00+750	25.00	0.000	0.000	0.000	6.180	6.230	155.750
00+775	25.00	0.000	0.000	0.000	5.440	5.810	145.250
00+800	25.00	0.000	0.000	0.000	5.930	5.685	142.125
00+825	25.00	0.000	0.000	0.000	6.200	6.065	151.625
00+850	25.00	0.000	0.000	0.000	5.300	5.750	143.750

GWADAR LASBELA LIVELIHOODS SUPPORT PROJECT PHASE-II (GLLSP-II)							
CONSTRUCTION OF ROAD FROM MAIN MAKRAN COASTAL HIGHWAY TO CHUKAIN VILLAGE							
Earthwork (Cutting & Filling)							
Chainage	Length(m)	Cut Area(Sq.m)	Avrage of cut Area(Sq.m)	Cut Volume(Cu.m)	Fill Area(Sq.m)	Average of fill Area(Sq.m)	Fill Volume(Cu.m)
00+875	25.00	0.000	0.000	0.000	5.730	5.515	137.875
00+900	25.00	0.000	0.000	0.000	6.940	6.335	158.375
00+925	25.00	0.000	0.000	0.000	6.380	6.660	166.500
00+950	25.00	0.000	0.000	0.000	6.390	6.385	159.625
00+975	25.00	0.000	0.000	0.000	6.530	6.460	161.500
01+000	25.00	0.000	0.000	0.000	6.990	6.760	169.000
01+025	25.00	0.000	0.000	0.000	8.020	7.505	187.625
01+050	25.00	0.000	0.000	0.000	9.150	8.585	214.625
01+075	25.00	0.000	0.000	0.000	8.950	9.050	226.250
01+100	25.00	0.000	0.000	0.000	8.110	8.530	213.250
Length(m)	6075.00		Cut Volume(Cu.m)	0.000		Fill Volume(Cu.m)	56508.125

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

**CONSTRUCTION OF ROAD FROM MAIN MAKRAN COASTAL HIGHWAY TO CHUKAIN
VILLAGE**

BILL#2

SUB BASE & BASE

GWADAR LASBELA LIVELIHOODS SUPPORT PROJECT PHASE-II (GLLSP-II)
CONSTRUCTION OF ROAD FROM MAIN MAKRAN COASTAL HIGHWAY TO CHUKAIN
VILLAGE
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		3,837.48	
	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		3837.48	
	(S.i.No 1K) 11 to 13nd Km	Cum		3837.48	
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		5,224.29	
	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		5224.29	
	(S.i.No 1K) 11 to 13nd Km	Cum		5224.29	
Sub.Total					
Above/ below ____% Premium if any on CSR 2023					
G.Total					

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

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

CONSTRUCTION OF ROAD FROM MAIN MAKRAN COASTAL HIGHWAY TO CHUKAIN VILLAGE

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	04+975	4975	3.905	0.15	2914.18	Main Road
2	"	Cum	2	00+000	04+975	4975	0.914	0.15	1364.15	Shoulders
3	"	Cum	1	00+000	01+100	1100	3.905	0.15	644.34	Link Road
4	"	Cum	2	00+000	01+100	1100	0.914	0.15	301.62	Shoulders
Total									5224.29	

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

**CONSTRUCTION OF ROAD FROM MAIN MAKRAN COASTAL
HIGHWAY TO CHUKAIN VILLAGE**

BILL#3

SURFACING

GWADAR LASBELA LIVELIHOODS SUPPORT PROJECT PHASE-II (GLLSP-II)
CONSTRUCTION OF ROAD FROM MAIN MAKRAN COASTAL HIGHWAY TO CHUKAIN
VILLAGE
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		22793.65	
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		22483.70	
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		11105.10	
Sub.Total					
Above/ below ____% Premium if any on CSR 2023					
G.Total					

GWADAR LASBELA LIVELIHOODS SUPPORT PROJECT PHASE-II (GLLSP-II)
CONSTRUCTION OF ROAD FROM MAIN MAKHRAN COASTAL HIGHWAY TO
CHUKAIN VILLAGE

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	04+975	4975	3.752	18666	Main Road
2	"	Sqm	1	00+000	01+100	1100	3.752	4127	Link Road
G.Total								22793.65	

CONSTRUCTION OF ROAD FROM MAIN MAKRAN COASTAL HIGHWAY TO CHUKAIN VILLAGE

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	04+975	4975	3.701	18413	Main Road
2	"	Sqm	1	00+000	01+100	1100	3.701	4071	Link Road
G.Total								22483.70	

GWADAR LASBELA LIVELIHOODS SUPPORT PROJECT PHASE-II (GLLSP-II)
CONSTRUCTION OF ROAD FROM MAIN MAKRAN COASTAL HIGHWAY TO
CHUKAIN VILLAGE

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	04+975	4975	0.914	9094	Shoulder Both Side
2	"	Sqm	2	00+000	01+100	1100	0.914	2011	Link Road Shoulder Both Side
G.Total								11105.10	

GWADAR LASBELA LIVELIHOODS SUPPORT PROJECT PHASE-II (GLLSP-II)
CONSTRUCTION OF ROAD FROM MAIN MAKRAN COASTAL HIGHWAY TO
CHUKAIN VILLAGE

BILL#5

ANCILLARY

WORKS

GWADAR LASBELA LIVELIHOODS SUPPORT PROJECT PHASE-II (GLLSP-II)
CONSTRUCTION OF ROAD FROM MAIN MAKRAK COASTAL HIGHWAY TO CHUKAIN
VILLAGE

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		5.0	
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		12150.0	
5	P/L Road Marking With Recflective TP Thermoplastic) paint for 4 meters arrows. (S.I.# 17-50-1)	R m		12.0	
6	Reflectorized Plastic Pavement Stud (Raised Profile Type - Double) (S.I.# 21-86 b)	Each		1533.0	
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		12.0	
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		6.0	
Sub.Total					
Above/ below ____% Premium if any on CSR 2023					
G.Total					

GWADAR LASBELA LIVELIHOODS SUPPORT PROJECT PHASE-II (GLLSP-II)**CONSTRUCTION OF ROAD FROM MAIN MAKRAN COASTAL HIGHWAY TO CHUKAIN VILLAGE****DETAIL****Pavement Marking**

S. No.	Description	Unit	No,s	Chainage (Km)		L (M)	Qty (M)	Remarks
				From	To			
1	P/L Road Marking With Recflective TP Thermoplastic) paint for lines of 12.50 cm width. (YELLOW)	M	2	00+000	04+975	4975	9950.0	Both sides full length Main Road
2	"	M	2	00+000	01+100	1100	2200.0	Both sides full length Link Road
		Total					12150.0	

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

CONSTRUCTION OF ROAD FROM MAIN MAKRAN COASTAL HIGHWAY TO CHUKAIN VILLAGE

DETAIL

Pavement Marking

S. No.	Description	Unit	No,s	Chainage (Km)		L (M)	Qty (M)	Remarks
				From	To			
1	P/L Road Marking With Recflective 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
		Total					12.0	

CONSTRUCTION OF ROAD FROM MAIN MAKRAN COASTAL HIGHWAY TO CHUKAIN VILLAGE

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	04+975	4975	1244	In 2 Rows having 8m interval Main Road
2	Crossing	Each	2			7.32	7.0	In 2 Rows having 3m interval
3	Link Road	Each	2	00+000	01+100	1100	275	In 2 Rows having 8m interval Link Road
4	Crossing	Each	2			7.32	7.0	In 2 Rows having 3m interval
	Total						1533	

CONSTRUCTION OF ROAD FROM MAIN MAKRAN COASTAL HIGHWAY TO CHUKAIN VILLAGE

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	04+975	4975	5	10	1 Km interval Both Side
2	"	Each	00+000	01+100	1100	1	2	1 Km interval Both Side
Total							12	

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

CONSTRUCTION OF ROAD FROM MAIN MAKRAN COASTAL HIGHWAY TO CHUKAIN VILLAGE

DETAIL ESTIMATE

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	04+975	4975	5	5	1 Km interval
2	"	Each	00+000	01+100	1100	1	1	1 Km interval
Total							6	

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

**CONSTRUCTION OF ROAD FROM MAIN MAKRAN COASTAL HIGHWAY TO CHUKAIN
VILLAGE**

STRUCTURES WORKS

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

CONSTRUCTION OF ROAD FROM MAIN MAKRAN COASTAL HIGHWAY TO CHUKAIN VILLAGE

STRUCTURE WORKS

S.NO	DESCRIPTION	Unit	Qty.	AMOUNT PK RS.
1	RCC Box Culverts	No	8	
2	RCC Pipe Culverts	No	7	
4	RCC wall	RM	7	
5	PCC Wall	RM	14	
7	PCC Parapet Walls	No	11	
TOTAL				

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

CONSTRUCTION OF ROAD FROM MAIN MAKRAN COASTAL HIGHWAY TO CHUKAIN VILLAGE

DETAIL OF BOX CULVERTS

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

CONSTRUCTION OF ROAD FROM MAIN MAKRAN COASTAL HIGHWAY TO CHUKAIN VILLAGE

S.NO	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT PK RS.
A.	STRUCTURE WORK BOX CULVERT				
1	RCC Box Culvert (1 x 1 x 1 M)	No.	2		
2	RCC Box Culvert (1 x 1.5 x 1 M)	No.	1		
3	RCC Box Culvert (1 x 3 x 1.5 M)	No.	1		
4	RCC Box Culvert (2 x 3 x 1.5 M)	No.	1		
5	RCC Box Culvert (2 x 3 x 2 M)	No.	1		
6	RCC Box Culvert (3 x 3 x 2 M)	No.	2		
TOTAL			8		
Sub.Total					
Above/ below ____% Premium if any on CSR 2023					
G.Total					

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

CONSTRUCTION OF ROAD FROM MAIN MAKRAN COASTAL HIGHWAY TO CHUKAIN VILLAGE

DETAIL ESTIMATE OF RCC BOX CULVERT (Cell No.= 1 Span = 1 Height = 1) 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	9.000	2.600	1.000	23.400		
	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	71.014		
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	7.400	1.800	0.100	1.332		
	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	3.767		
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	26.124		Kgs 2442.594	Tons 2.443		
	(S.I.No. 5- 65a)			Per tonne	Total	2.565		
4	Providing and laying in position ready mixed concrete							
	Culvert Base slab	1	8.000	1.600	0.350	4.480		
	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		
	Apran Cut of Wall	1	5.600	0.300	1.000	1.680		
	(S.I.No. 5- 26b+d)			Per Cu.m	Total	12.414		
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	8.000	0.300	1.000	4.800		
	Internal Walls	0	8.000	0.300	1.000	0.000		
	Fillet	4	8.000	0.150	0.150	0.360		
	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		

CONSTRUCTION OF ROAD FROM MAIN MAKRAN COASTAL HIGHWAY TO CHUKAIN VILLAGE

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

CONSTRUCTION OF ROAD FROM MAIN MAKRAN COASTAL HIGHWAY TO CHUKAIN VILLAGE

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

QTY	DESCRIPTION	No	Length	Width	Depth/H	QTY		
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	9.000	3.100	1.000	27.900		
	Toe Wall	2	3.100	0.500	0.750	2.325		
	Wing Wall Bed	2	10.996		1.000	21.992		
	Wing Wall Bed	2	10.996		1.000	21.992		
	Cut of Wall	1	6.100	0.300	1.000	1.830		
	(S.I. NO.3-21b iv)			Per Cu.m	Total	76.039		
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	7.400	2.300	0.100	1.702		
	Toe Wall	2	2.300	0.400	0.100	0.184		
	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	4.177		
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	29.449		Kgs 2753.482	Tons 2.753		
	(S.I.No. 5- 65a)			Per tonne	Total	2.891		
4	Providing and laying in position ready mixed							
	Culvert Base slab	1	8.000	2.100	0.350	5.880		
	Toe wall	2	2.100	0.650	0.300	0.819		
	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	6.100	0.300	1.000	1.830		
	(S.I.No. 5- 26b+d)			Per Cu.m	Total	14.159		

CONSTRUCTION OF ROAD FROM MAIN MAKRAN COASTAL HIGHWAY TO CHUKAIN VILLAGE

[illegible]

CONSTRUCTION OF ROAD FROM MAIN MAKRAN COASTAL HIGHWAY TO CHUKAIN VILLAGE

QUA	DESCRIPTION	No	Length	Width	Depth/H	QTY		
	G.Total							

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

CONSTRUCTION OF ROAD FROM MAIN MAKRAN COASTAL HIGHWAY TO CHUKAIN VILLAGE

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	9.000	4.600	1.000	41.400		
	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	110.790		
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	7.400	3.800	0.100	2.812		
	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	6.719		
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	47.920		Kgs 4480.520	Tons 4.481		
	(S.I.No. 5- 65a)			Per tonne	Total	4.705		
4	Providing and laying in position ready mixed							
	Culvert Base slab	1	8.000	3.600	0.350	10.080		
	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		
	Apron Cut of Wall	1	9.600	0.300	1.000	2.880		
	(S.I.No. 5- 26b+d)			Per Cu.m	Total	23.572		
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	8.000	0.300	1.500	7.200		
	Internal Walls	0	8.000	0.300	1.500	0.000		
	Fillet	4	8.000	0.150	0.150	0.360		
	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		

CONSTRUCTION OF ROAD FROM MAIN MAKRAN COASTAL HIGHWAY TO CHUKAIN VILLAGE

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

CONSTRUCTION OF ROAD FROM MAIN MAKRAN COASTAL HIGHWAY TO CHUKAIN VILLAGE

DETAIL ESTIMATE OF RCC BOX CULVERT (Cell No.= 2 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	9.000	7.900	1.000	71.100		
	Toe Wall	2	7.900	0.500	0.750	5.925		
	Wing Wall Bed	2	15.765		1.000	31.530		
	Wing Wall Bed	2	15.765		1.000	31.530		
	Cut of Wall	1	12.900	0.300	1.000	3.870		
	(S.I. NO.3-21b iv)			Per Cu.m	Total	143.955		
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	7.400	7.100	0.100	5.254		
	Toe Wall	2	7.100	0.400	0.100	0.568		
	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	9.425		
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	73.825		Kgs 6902.638	Tons 6.903		
	(S.I.No. 5- 65a)			Per tonne	Total	7.248		
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							
	Culvert Base slab	1	8.000	6.900	0.350	19.320		
	Toe wall	2	6.900	0.650	0.300	2.691		
	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	12.900	0.300	1.000	3.870		
	(S.I.No. 5- 26b+d)			Per Cu.m	Total	35.089		
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	8.000	0.300	1.500	7.200		
	Internal Walls	1	8.000	0.300	1.500	3.600		
	Fillet	8	8.000	0.150	0.150	0.720		
	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		

DETAIL ESTIMATE OF RCC BOX CULVERT (Cell No.= 2 Span = 3 Height = 1.5) m

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

CONSTRUCTION OF ROAD FROM MAIN MAKRAN COASTAL HIGHWAY TO CHUKAIN VILLAGE

DETAIL ESTIMATE OF RCC BOX CULVERT (Cell No.= 2 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	9.000	7.900	1.000	71.100		
	Toe Wall	2	7.900	0.500	0.750	5.925		
	Wing Wall Bed	2	21.776		1.000	43.552		
	Wing Wall Bed	2	21.776		1.000	43.552		
	Cut of Wall	1	14.900	0.300	1.000	4.470		
	(S.I. NO.3-21b iv)			Per Cu.m	Total	168.599		
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	7.400	7.100	0.100	5.254		
	Toe Wall	2	7.100	0.400	0.100	0.568		
	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	11.198		
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	85.178		Kgs 7964.143	Tons 7.964		
	(S.I.No. 5- 65a)			Per tonne	Total	8.362		
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							
	Culvert Base slab	1	8.000	6.900	0.350	19.320		
	Toe wall	2	6.900	0.650	0.300	2.691		
	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		
	Apron Cut of Wall	1	14.900	0.300	1.000	4.470		
	(S.I.No. 5- 26b+d)			Per Cu.m	Total	40.627		
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	8.000	0.300	2.000	9.600		
	Internal Walls	1	8.000	0.300	2.000	4.800		
	Fillet	8	8.000	0.150	0.150	0.720		
	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		

#	QTY	DESCRIPTION	No	Length	Width	Depth/H		Rate (Rs.)	AMOUNT (Rs)
		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		22.747	
6		Providing and laying in position ready mixed concrete for reinforced cement concrete work							
		Top slab	1	8.000	6.900	0.350		19.320	
		(S.I.No. 5- 26a+m)			Per Cu.m	Total		19.320	
7		Providing and laying in position ready mixed concrete for reinforced cement concrete work							
		Parapit walls	2	6.900	0.300	0.600		2.484	
		(S.I.No. 5- 26b+e)			Per Cu.m	Total		2.484	
8		Rip Rap Class-B							
		SP-01 D/S of Culvert Apron	1	Area 43.368		0.300		13.010	
		(S.I.No. 19-31 b)			Per Cu.m	Total		13.010	
9		Mortor Rip Rap							
		SP-02 D/S of Culvert Apron	1	Area 43.368				43.368	
		(S.I.No. 19-34a)			Per Sqm	Total		43.368	
		Sub.Total							
		Above/ below ____% Premium if any on CSR 2023							
		G.Total							

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

CONSTRUCTION OF ROAD FROM MAIN MAKRAN COASTAL HIGHWAY TO CHUKAIN VILLAGE

DETAIL ESTIMATE OF RCC BOX CULVERT (Cell No.= 3 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	9.000	11.200	1.000	100.800		
	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	201.764		
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	7.400	10.400	0.100	7.696		
	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	13.904		
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	112.283		Kgs 10498.461	Tons 10.498		
	(S.I.No. 5- 65a)			Per tonne	Total	11.023		
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							
	Culvert Base slab	1	8.000	10.200	0.350	28.560		
	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		
	Apron Cut of Wall	1	18.200	0.300	1.000	5.460		
	(S.I.No. 5- 26b+d)			Per Cu.m	Total	52.144		
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	8.000	0.300	2.000	9.600		
	Internal Walls	2	8.000	0.300	2.000	9.600		
	Fillet	12	8.000	0.150	0.150	1.080		
	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		

CONSTRUCTION OF ROAD FROM MAIN MAKRAN COASTAL HIGHWAY TO CHUKAIN VILLAGE

QTY	DESCRIPTION	No	Length	Width	Depth/H	QTY	Rate (Rs.)	AMOUNT (Rs)
	1 Meter Wing Wall (S.I.No. 5- 26b+e)	2	0.948	0.250 Per Cu.m	1.250 Total	0.296 27.907		
6	Providing and laying in position ready mixed concrete for reinforced cement concrete work							
	Top slab (S.I.No. 5- 26a+m)	1	8.000	10.200 Per Cu.m	0.350 Total	28.560 28.560		
7	Providing and laying in position ready mixed concrete for reinforced cement concrete work							
	Parapit walls (S.I.No. 5- 26b+e)	2	10.200	0.300 Per Cu.m	0.600 Total	3.672 3.672		
8	Rip Rap Class-B SP-01 D/S of Culvert Apron (S.I.No. 19-31 b)	1		Area 57.063 Per Cu.m	0.300 Total	17.119 17.119		
9	Mortor Rip Rap SP-02 D/S of Culvert Apron (S.I.No. 19-34a)	1		Area 57.063 Per Sqm	Total	57.063 57.063		
Sub.Total								
Above/ below ____% Premium if any on CSR 2023								
G.Total								

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

CONSTRUCTION OF ROAD FROM MAIN MAKRAN COASTAL HIGHWAY TO CHUKAIN VILLAGE

Link Road

PIPE CULVERTS

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

CONSTRUCTION OF ROAD FROM MAIN MAKRAN COASTAL HIGHWAY TO CHUKAIN VILLAGE

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.	7		
		Total No.	7		
TOTAL					

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

CONSTRUCTION OF ROAD FROM MAIN MAKRAN COASTAL HIGHWAY TO CHUKAIN VILLAGE

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	8.000	1.500	0.300	3.600	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	14.509	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	8.000	1.500	0.100	1.200			
	Wing wall	4	2.500	1.175	0.100	1.175			
						2.613	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	8.000	1.500	1.600	19.200			
	Parapit wall	2	1.500	0.300	0.600	0.540			
					Total	19.740	Cu.m		
	D/D of Pipe	1	8.000	Area	0.636	5.089	Cu.m		
						16.116	Cu.m		

CONSTRUCTION OF ROAD FROM MAIN MAKRAN COASTAL HIGHWAY TO CHUKAIN VILLAGE

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GWADAR LASBELA LIVELIHOODS SUPPORT PROJECT PHASE-II (GLLSP-II)
CONSTRUCTION OF ROAD FROM MAIN MAKRAN COASTAL HIGHWAY TO
CHUKAIN VILLAGE

DETAIL OF
RETAINING WALL

GWADAR LASBELA LIVELIHOODS SUPPORT PROJECT PHASE-II (GLLSP-II)
CONSTRUCTION OF ROAD FROM MAIN MAKRAN COASTAL HIGHWAY TO CHUKAIN
VILLAGE

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)	18.67		
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)	1.87		
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)	6.19		
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)	3.98		
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)	1.181		
S.TOTAL				
Above/ below ____% Premium if any on CSR 2023				
G.TOTAL				

CONSTRUCTION OF ROAD FROM MAIN MAKRAN COASTAL HIGHWAY TO CHUKAIN VILLAGE

1-Structural Excavation

S No.	RD		No.	Length		Depth	Quantity (CM)
	From	To					
1			1	2.0	2.590	1.000	5.180
2			1	3.0	2.590	1.000	7.770
3			1	1.5	3.810	1.000	5.715
				6.5			
Total Quantity							18.67

Detail Quantities

S No.	RD		No.	Length		Depth	Quantity (CM)
	From	To					
1			1	2.00	2.590	0.10	0.52
2			1	3.00	2.590	0.10	0.78
3			1	1.50	3.810	0.10	0.57
Total Quantity							1.87

Detail Quantities Bed Concrete

S No.	From	To	No.	Length		Depth	Quantity (CM)
R/Wall (Bed Under Ground)							
1			1	2.0	2.440	0.350	1.708
2			1	3.0	2.440	0.350	2.562
3			1	1.5	3.660	0.350	1.922
Total Quantity							6.192

CONSTRUCTION OF ROAD FROM MAIN MAKRAN COASTAL HIGHWAY TO CHUKAIN VILLAGE

Walls Concrete

S No.	From	To	No.	Length		Depth	Quantity (CM)
R/Wall (Wall On Ground)							
1			1	2.0	0.300	2.650	1.590
2			1	3.0	0.300	2.650	2.385
3			1	1.5	0.300	3.650	1.643
Total Quantity							3.975

GWADAR LASBELA LIVELIHOODS SUPPORT PROJECT PHASE-II (GLLSP-II)
CONSTRUCTION OF ROAD FROM MAIN MAKRAN COASTAL HIGHWAY TO CHUKAIN
VILLAGE

Detail Quantities of Steel

S No.	RD		No.	Concrete (CM)	Steel (Kgs)
	From	To			
1			1	3.298	329.80
2			1	4.947	494.70
3			1	3.564	356.40
Total Quantity (Kgs)					1180.90
Total Quantity (Tonnes)					1.18

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

**CONSTRUCTION OF ROAD FROM MAIN MAKRAN COASTAL HIGHWAY TO
CHUKAIN VILLAGE**

PCC Retaining Wall/ Brast Wall				
No.	Description	Unit	Length	Amount (Pak Rs.)
1	PCC Retaining Wall / Brast Wall	Rm	14.00	
S.TOTAL				
Above/ below ____% Premium if any on CSR 2023				
G. TOTAL				

CONSTRUCTION OF ROAD FROM MAIN MAKRAN COASTAL HIGHWAY TO CHUKAIN VILLAGE

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CONSTRUCTION OF ROAD FROM MAIN MAKRAN COASTAL HIGHWAY TO CHUKAIN VILLAGE

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		3.00	2.20	1.40	9.24	
2	Providing and laying cement concrete using approved coarses and crushed aggregate 3/4" (19mm) & down gauge in foundation including leveling, compacting and curing. (1:4:8) (S.I.No.5-8e)	Cum		3.00	2.20	0.10	0.66	
3	Providing and laying cement concrete using approved coarses and crushed aggregate 3/4" (19mm) & down gauge in foundation including leveling, compacting and curing. (1:2:4) (S.I.No.5-8c)	Cum		3.00	2.00	0.30	1.80	
4	Providing & laying in situ cement concrete in wall and piers etc. upto 12" (300mm) in thickness using approved coarses and crushed aggregate 3/4" (19mm) & down gauge including compacting, curing, cost of formwork and its removal in basement and ground floor (1:2:4). (S.I.No. 5-13c)	Cum		3.00	0.45	3.00	4.05	
S.TOTAL								
Above/ below ___ % Premium if any on CSR 2023								
G. Total Rs.								

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

**CONSTRUCTION OF ROAD FROM MAIN MAKRAN COASTAL HIGHWAY TO
CHUKAIN VILLAGE**

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			185	1	8	2.00	3.606	
2			115	1	3	2.00	3.606	
3			120	2	3	3.00	5.409	

LENGTH (M) 14

GWADAR LASBELA LIVELIHOODS SUPPORT PROJECT PHASE-II (GLLSP-II)
CONSTRUCTION OF ROAD FROM MAIN MAKHRAN COASTAL HIGHWAY TO CHUKAIN
VILLAGE

PARAPET WALLS

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

CONSTRUCTION OF ROAD FROM MAIN MAKRAN COASTAL HIGHWAY TO CHUKAIN VILLAGE

S.NO	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT PK RS.
1	<u>PCC PARAPET WALL</u> PCC Parapet Wall	No.	11		
S.TOTAL					
Above/ below ____% Premium if any on CSR 2023					
G. Total Rs.					

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

**CONSTRUCTION OF ROAD FROM MAIN MAKRAN COASTAL HIGHWAY TO
CHUKAIN VILLAGE**

SCHEDULE OF PARAPET WAL

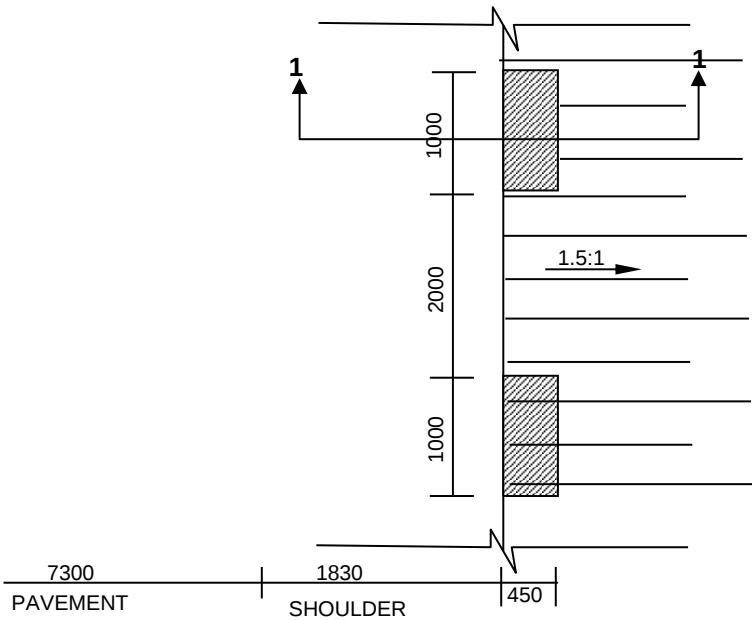
S.NO	CHAINAGE FROM TO		LENGTH (M)	SIDE	TOTAL LENGTH (M)	PARAPET WAL No,S
1			4	1	4	2
2			5	1	5	3
3			4	2	8	4
4			2	1	2	2
						11

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

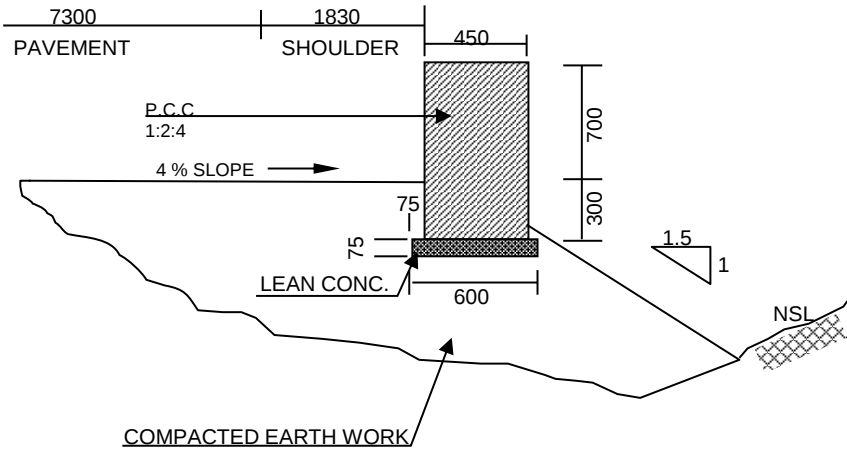
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Government of Balochistan

CONSTRUCTION OF ROAD FROM MAIN MAKRAN COASTAL HIGHWAY TO CHUKAIN VILLAGE



**PLAN
OF PARAPET WALL**



**SECTION 1-1
OF PARAPET WALL**