

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

**CONSTRUCTION OF ROAD FROM MAIN MAKRAN COASTAL HIGHWAY TO
BAGGAD KUAPPAR VALLAGE GAWADAR**

DETAIL ESTIMATE

GWADAR LASBELA LIVELIHOODS SUPPORT PROJECT PHASE-II (GLLSP-II)
CONSTRUCTION OF ROAD FROM MAIN MAKRAN COASTAL HIGHWAY TO BAGGAD KUAPPAR
VALLAGE GAWADAR

GENERAL ABSTRACT OF COST

S.NO	Description	Total PC-1 AMOUNT
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)	

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

**CONSTRUCTION OF ROAD FROM MAIN MAKRAN COASTAL HIGHWAY TO
BAGGAD KUAPPAR VALLAGE GAWADAR**

DETAIL OF BILL#1 EARTH WORK

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

**CONSTRUCTION OF ROAD FROM MAIN MAKHRAN COASTAL HIGHWAY TO BAGGAD KUAPPAR
VALLAGE GAWADAR**

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		23777.64	
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		23777.64	
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		22140.00	
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

Chainage	Length(m)	Left	Right	Total Width	Average Width	Area
00+000	0.00	3.595	3.664	7.259	0.000	0.000
00+025	25.00	5.983	7.005	12.988	10.124	253.088
00+050	25.00	6.608	6.458	13.066	13.027	325.675
00+075	25.00	6.020	5.552	11.572	12.319	307.975
00+100	25.00	5.321	5.589	10.910	11.241	281.025
00+125	25.00	5.230	5.122	10.352	10.631	265.775
00+150	25.00	5.258	5.190	10.448	10.400	260.000
00+175	25.00	4.841	5.384	10.225	10.337	258.413
00+200	25.00	5.500	5.550	11.050	10.638	265.938
00+225	25.00	5.695	4.834	10.529	10.790	269.738
00+250	25.00	5.657	5.056	10.713	10.621	265.525
00+275	25.00	5.584	5.589	11.173	10.943	273.575
00+300	25.00	5.441	5.373	10.814	10.994	274.838
00+325	25.00	5.319	5.482	10.801	10.808	270.188
00+350	25.00	5.236	5.038	10.274	10.538	263.438
00+375	25.00	5.163	4.478	9.641	9.958	248.938
00+400	25.00	5.138	4.630	9.768	9.705	242.613
00+425	25.00	5.103	5.159	10.262	10.015	250.375
00+450	25.00	5.035	5.074	10.109	10.186	254.638
00+475	25.00	5.083	5.053	10.136	10.123	253.063
00+500	25.00	5.158	4.959	10.117	10.127	253.163
00+525	25.00	5.128	5.039	10.167	10.142	253.550
00+550	25.00	5.042	5.090	10.132	10.150	253.738
00+575	25.00	4.869	5.068	9.937	10.035	250.863
00+600	25.00	4.922	5.032	9.954	9.946	248.638
00+625	25.00	4.984	4.981	9.965	9.960	248.988
00+650	25.00	4.949	4.914	9.863	9.914	247.850
00+675	25.00	4.672	4.952	9.624	9.744	243.588
00+700	25.00	4.787	5.083	9.870	9.747	243.675
00+725	25.00	5.183	5.147	10.330	10.100	252.500
00+750	25.00	5.153	5.243	10.396	10.363	259.075
00+775	25.00	5.056	5.400	10.456	10.426	260.650
00+800	25.00	4.996	4.591	9.587	10.022	250.538
00+825	25.00	4.908	5.174	10.082	9.835	245.863
00+850	25.00	4.905	4.902	9.807	9.945	248.613
00+875	25.00	4.726	4.714	9.440	9.624	240.588
00+900	25.00	4.570	4.897	9.467	9.454	236.338
00+925	25.00	4.619	4.233	8.852	9.160	228.988
00+950	25.00	5.101	5.050	10.151	9.502	237.538
00+975	25.00	4.987	5.506	10.493	10.322	258.050
01+000	25.00	5.127	4.875	10.002	10.248	256.188
01+025	25.00	5.371	5.288	10.659	10.331	258.263
01+050	25.00	5.543	5.573	11.116	10.888	272.188
01+075	25.00	5.509	5.521	11.030	11.073	276.825
01+100	25.00	5.570	5.457	11.027	11.029	275.713
01+125	25.00	4.951	4.346	9.297	10.162	254.050
01+150	25.00	4.448	4.986	9.434	9.366	234.138
01+175	25.00	5.611	5.617	11.228	10.331	258.275
01+200	25.00	5.940	6.027	11.967	11.598	289.938
01+225	25.00	5.128	5.950	11.078	11.523	288.063
01+250	25.00	6.038	6.662	12.700	11.889	297.225
01+275	25.00	6.890	7.041	13.931	13.316	332.888
01+300	25.00	6.453	6.715	13.168	13.550	338.738

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

**CONSTRUCTION OF
ROAD FROM MAIN**

Chainage	Length(m)	Left	Right	Total Width	Average Width	Area
01+325	25.00	6.811	7.428	14.239	13.704	342.588
01+350	25.00	7.540	7.771	15.311	14.775	369.375
01+375	25.00	7.389	7.889	15.278	15.295	382.363
01+400	25.00	7.373	5.567	12.940	14.109	352.725
01+425	25.00	6.127	6.739	12.866	12.903	322.575
01+450	25.00	4.306	6.406	10.712	11.789	294.725
01+475	25.00	5.680	5.934	11.614	11.163	279.075
01+500	25.00	5.496	4.209	9.705	10.660	266.488
01+525	25.00	5.141	3.751	8.892	9.299	232.463
01+550	25.00	5.175	6.156	11.331	10.112	252.788
01+575	25.00	5.799	6.128	11.927	11.629	290.725
01+600	25.00	6.075	6.109	12.184	12.056	301.388
01+625	25.00	6.117	6.114	12.231	12.208	305.188
01+650	25.00	5.630	6.219	11.849	12.040	301.000
01+675	25.00	4.989	6.445	11.434	11.642	291.038
01+700	25.00	4.592	6.592	11.184	11.309	282.725
01+725	25.00	5.318	6.297	11.615	11.400	284.988
01+750	25.00	6.765	6.309	13.074	12.345	308.613
01+775	25.00	5.192	3.434	8.626	10.850	271.250
01+800	25.00	5.025	5.208	10.233	9.430	235.738
01+825	25.00	6.280	5.814	12.094	11.164	279.088
01+850	25.00	4.454	6.351	10.805	11.450	286.238
01+875	25.00	6.262	6.283	12.545	11.675	291.875
01+900	25.00	5.894	6.570	12.464	12.505	312.613
01+925	25.00	4.430	6.420	10.850	11.657	291.425
01+950	25.00	5.566	5.317	10.883	10.867	271.663
01+975	25.00	6.570	6.758	13.328	12.106	302.638
02+000	25.00	6.521	6.698	13.219	13.274	331.838
02+025	25.00	6.506	6.691	13.197	13.208	330.200
02+050	25.00	6.707	6.363	13.070	13.134	328.338
02+075	25.00	6.105	6.102	12.207	12.639	315.963
02+100	25.00	5.615	5.946	11.561	11.884	297.100
02+125	25.00	4.732	5.248	9.980	10.771	269.263
02+150	25.00	3.804	3.936	7.740	8.860	221.500
						23777.638

GWADAR LASBELA LIVELIHOODS SUPPORT PROJECT PHASE-II (GLLSP-II)							
CONSTRUCTION OF ROAD FROM M							
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+000	0.00	0.000	0.000	0.000	1.470	0.000	0.000
00+025	25.00	0.000	0.000	0.000	16.720	9.095	227.375
00+050	25.00	0.000	0.000	0.000	15.940	16.330	408.250
00+075	25.00	0.000	0.000	0.000	11.560	13.750	343.750
00+100	25.00	0.000	0.000	0.000	9.600	10.580	264.500
00+125	25.00	0.000	0.000	0.000	8.040	8.820	220.500
00+150	25.00	0.000	0.000	0.000	8.700	8.370	209.250
00+175	25.00	0.000	0.000	0.000	8.220	8.460	211.500
00+200	25.00	0.000	0.000	0.000	10.360	9.290	232.250
00+225	25.00	0.000	0.000	0.000	9.210	9.785	244.625
00+250	25.00	0.000	0.000	0.000	10.820	10.015	250.375
00+275	25.00	0.000	0.000	0.000	10.230	10.525	263.125
00+300	25.00	0.000	0.000	0.000	8.930	9.580	239.500
00+325	25.00	0.000	0.000	0.000	8.350	8.640	216.000
00+350	25.00	0.000	0.000	0.000	8.040	8.195	204.875
00+375	25.00	0.000	0.000	0.000	7.890	7.965	199.125
00+400	25.00	0.000	0.000	0.000	7.180	7.535	188.375
00+425	25.00	0.000	0.000	0.000	6.650	6.915	172.875
00+450	25.00	0.000	0.000	0.000	6.570	6.610	165.250
00+475	25.00	0.000	0.000	0.000	6.790	6.680	167.000
00+500	25.00	0.000	0.000	0.000	7.440	7.115	177.875
00+525	25.00	0.000	0.000	0.000	6.310	6.875	171.875
00+550	25.00	0.000	0.000	0.000	7.280	6.795	169.875
00+575	25.00	0.000	0.000	0.000	7.010	7.145	178.625
00+600	25.00	0.000	0.000	0.000	7.340	7.175	179.375
00+625	25.00	0.000	0.000	0.000	6.760	7.050	176.250
00+650	25.00	0.000	0.000	0.000	6.260	6.510	162.750
00+675	25.00	0.000	0.000	0.000	6.490	6.375	159.375
00+700	25.00	0.000	0.000	0.000	7.110	6.800	170.000
00+725	25.00	0.000	0.000	0.000	7.250	7.180	179.500
00+750	25.00	0.000	0.000	0.000	7.940	7.595	189.875
00+775	25.00	0.000	0.000	0.000	7.510	7.725	193.125
00+800	25.00	0.000	0.000	0.000	7.300	7.405	185.125
00+825	25.00	0.000	0.000	0.000	7.460	7.380	184.500
00+850	25.00	0.000	0.000	0.000	6.750	7.105	177.625
00+875	25.00	0.000	0.000	0.000	5.750	6.250	156.250
00+900	25.00	0.000	0.000	0.000	4.910	5.330	133.250
00+925	25.00	0.000	0.000	0.000	5.180	5.045	126.125
00+950	25.00	0.000	0.000	0.000	7.930	6.555	163.875
00+975	25.00	0.000	0.000	0.000	7.330	7.630	190.750
01+000	25.00	0.000	0.000	0.000	8.100	7.715	192.875
01+025	25.00	0.000	0.000	0.000	9.450	8.775	219.375
01+050	25.00	0.000	0.000	0.000	10.400	9.925	248.125
01+075	25.00	0.000	0.000	0.000	10.200	10.300	257.500
01+100	25.00	0.000	0.000	0.000	10.050	10.125	253.125
01+125	25.00	0.000	0.000	0.000	4.710	7.380	184.500
01+150	25.00	0.000	0.000	0.000	6.120	5.415	135.375
01+175	25.00	0.000	0.000	0.000	10.220	8.170	204.250
01+200	25.00	0.000	0.000	0.000	12.720	11.470	286.750
01+225	25.00	0.000	0.000	0.000	10.200	11.460	286.500
01+250	25.00	0.000	0.000	0.000	14.880	12.540	313.500
01+275	25.00	0.000	0.000	0.000	19.080	16.980	424.500
01+300	25.00	0.000	0.000	0.000	16.410	17.745	443.625
01+325	25.00	0.000	0.000	0.000	17.720	17.065	426.625
01+350	25.00	0.000	0.000	0.000	25.750	21.735	543.375
01+375	25.00	0.000	0.000	0.000	22.250	24.000	600.000
01+400	25.00	0.000	0.000	0.000	14.790	18.520	463.000
01+425	25.00	0.000	0.000	0.000	15.720	15.255	381.375
01+450	25.00	0.000	0.000	0.000	8.360	12.040	301.000
01+475	25.00	0.000	0.000	0.000	7.870	8.115	202.875
01+500	25.00	0.000	0.000	0.000	8.200	8.035	200.875
01+525	25.00	0.000	0.000	0.000	5.040	6.620	165.500
01+550	25.00	0.000	0.000	0.000	12.770	8.905	222.625
01+575	25.00	0.000	0.000	0.000	13.090	12.930	323.250
01+600	25.00	0.000	0.000	0.000	13.460	13.275	331.875
01+625	25.00	0.000	0.000	0.000	13.600	13.530	338.250
01+650	25.00	0.000	0.000	0.000	11.680	12.640	316.000
01+675	25.00	0.000	0.000	0.000	12.090	11.885	297.125
01+700	25.00	0.000	0.000	0.000	10.810	11.450	286.250
01+725	25.00	0.000	0.000	0.000	11.730	11.270	281.750
01+750	25.00	0.000	0.000	0.000	16.330	14.030	350.750
01+775	25.00	0.000	0.000	0.000	3.860	10.095	252.375
01+800	25.00	0.000	0.000	0.000	6.990	5.425	135.625
01+825	25.00	0.000	0.000	0.000	13.420	10.205	255.125
01+850	25.00	0.000	0.000	0.000	10.460	11.940	298.500
01+875	25.00	0.000	0.000	0.000	14.970	12.715	317.875
01+900	25.00	0.000	0.000	0.000	14.160	14.565	364.125
01+925	25.00	0.000	0.000	0.000	10.140	12.150	303.750
01+950	25.00	0.000	0.000	0.000	9.740	9.940	248.500
01+975	25.00	0.000	0.000	0.000	17.660	13.700	342.500

GWADAR LASBELA LIVELIHOODS SUPPORT PROJECT PHASE-II (GLLSP-II)							
CONSTRUCTION OF ROAD FROM M							
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)
02+000	25.00	0.000	0.000	0.000	16.940	17.300	432.500
02+025	25.00	0.000	0.000	0.000	16.780	16.860	421.500
02+050	25.00	0.000	0.000	0.000	15.690	16.235	405.875
02+075	25.00	0.000	0.000	0.000	12.720	14.205	355.125
02+100	25.00	0.000	0.000	0.000	11.600	12.160	304.000
02+125	25.00	0.000	0.000	0.000	7.580	9.590	239.750
02+150	25.00	0.000	0.000	0.000	2.490	5.035	125.875
Length(m)	2150.00		Cut Volume(Cu.m)	0.000		Fill Volume(Cu.m)	22140.000

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

**CONSTRUCTION OF ROAD FROM MAIN MAKRAN COASTAL HIGHWAY TO BAGGAD
KUAPPAR VALLAGE GAWADAR**

BILL#2

SUB BASE & BASE

GWADAR LASBELA LIVELIHOODS SUPPORT PROJECT PHASE-II (GLLSP-II)
CONSTRUCTION OF ROAD FROM MAIN MAKHRAN COASTAL HIGHWAY TO BAGGAD
KUAPPAR VALLAGE GAWADAR
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		1,358.12	
	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		1358.12	
	(S.i.No 1K) 11 to 13nd Km	Cum		1358.12	
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		1,848.93	
	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		1848.93	
	(S.i.No 1K) 11 to 13nd Km	Cum		1848.93	
SUB TOTAL					
Above/ below ____% Premium if any on CSR 2023					
G.Total					

Detail Quantities

S.NO	Description	Unit	No,s	Granular sub base					
				Chainage (Km)		L (M)	W (M)	H (M)	Qty (Cum)
				From	To				
1	Granular sub base	Cum	1	00+000	02+150	2150	4.2112	0.15	1358.12
Total									1358.12

'-II)
AD KUAPPAR

Remarks
Main Road

Detail Quantities

S.NO	Description	Unit	No,s	Sggregate Base Course						Remarks
				Chainage (Km)		L (M)	W (M)	H (M)	Qty (Cum)	
				From	To					
1	Aggregate Base	Cum	1	00+000	02+150	2150	3.905	0.15	1259.40	Main Road
2	Aggregate Base	Cum	2	00+000	02+150	2150	0.914	0.15	589.53	Shoulders
Total									1848.93	

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

**CONSTRUCTION OF ROAD FROM MAIN MAKRAN COASTAL
HIGHWAY TO BAGGAD KUAPPAR VALLAGE GAWADAR**

BILL#3

SURFACING

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

**CONSTRUCTION OF ROAD FROM MAIN MAKRAN COASTAL HIGHWAY TO BAGGAD KUAPPAR
VALLAGE GAWADAR**

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		8066.89	
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		7957.19	
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		3930.20	
Sub.Total					
Above/ below ____% Premium if any on CSR 2023					
G.Total					

Detail Quantities

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+150	2150	3.752	8067	Main Road
G.Total								8066.89	

CONSTRUCTION OF ROAD FROM MAIN MAKRAN COASTAL HIGHWAY TO BAGGAD KUAPPAR VALLAGE GAWADAR

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+150	2150	3.701	7957	Main Road
G.Total								7957.19	

GWADAR LASBELA LIVELIHOODS SUPPORT PROJECT PHASE-II (GLLSP-II)
CONSTRUCTION OF ROAD FROM MAIN MAKRAN COASTAL HIGHWAY TO
BAGGAD KUAPPAR VALLAGE GAWADAR

BILL#5

ANCILLARY

WORKS

GWADAR LASBELA LIVELIHOODS SUPPORT PROJECT PHASE-II (GLLSP-II)
CONSTRUCTION OF ROAD FROM MAIN MAKHRAN COASTAL HIGHWAY TO BAGGAD
KUAPPAR VALLAGE GAWADAR

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		2.0	
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		4300.0	
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		545.0	
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		2.0	
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	
SUB TOTAL					
Above/ below ___% Premium if any on CSR 2023					
G. TOTAL Amount (Rs.)					

GWADAR LASBELA LIVELIHOODS SUPPORT PROJECT PHASE-II (GLLSP-II)
CONSTRUCTION OF ROAD FROM MAIN MAKRAN COASTAL HIGHWAY TO BAGGAD KUAPPAR
VALLAGE GAWADAR
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	02+150	2150	4300.0	Both sides full length Main Road
		Total					4300.0	

GWADAR LASBELA LIVELIHOODS SUPPORT PROJECT PHASE-II (GLLSP-II)
CONSTRUCTION OF ROAD FROM MAIN MAKRAN COASTAL HIGHWAY TO BAGGAD KUAPPAR
VALLAGE GAWADAR
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 ROAD FROM MAIN MAKRAN COASTAL HIGHWAY TO BAGGAD KUAPPAR
VALLAGE GAWADAR

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+150	2150	538	In 2 Rows having 8m interval Main Road
4	Crossing	Each	2			7.32	7.0	In 2 Rows having 3m interval
	Total						545	

CONSTRUCTION OF ROAD FROM MAIN MAKRAN COASTAL HIGHWAY TO BAGGAD KUAPPAR VALLAGE GAWADAR

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+150	2150	1	2	1 Km interval Both Side
Total							2	

S No.	Description	Unit	Chainage (Km)		L (M)	No,s	Qty (M)	Remarks
			From	To				
1	Kilometer post	Each	00+000	02+150	2150	2	2	1 Km interval
Total							2	

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

**CONSTRUCTION OF ROAD FROM MAIN MAKRAN COASTAL HIGHWAY TO BAGGAD
KUAPPAR VALLAGE GAWADAR**

STRUCTURES WORKS

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

CONSTRUCTION OF ROAD FROM MAIN MAKRAN COASTAL HIGHWAY TO BAGGAD KUAPPAR VALLAGE GAWADAR

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	11	
5	PCC Wall	RM	10	
7	PCC Parapet Walls	No	8	
TOTAL				-

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

**CONSTRUCTION OF ROAD FROM MAIN MAKHRAN COASTAL HIGHWAY TO BAGGAD KUAPPAR VALLAGE
GAWADAR**

DETAIL OF BOX CULVERTS

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

CONSTRUCTION OF ROAD FROM MAIN MAKRAN COASTAL HIGHWAY TO BAGGAD KUAPPAR VALLAGE GAWADAR

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.	2		
2	RCC Box Culvert (2 x 3 x 1.5 M)	No.	1		
TOTAL			3		-

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

CONSTRUCTION OF ROAD FROM MAIN MAKRAN COASTAL HIGHWAY TO BAGGAD KUAPPAR VALLAGE GAWADAR

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							
	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		

Q.No	DESCRIPTION	No	Length	Width	Depth/H	QTY	Rate (Rs.)	AMOUNT (Rs)
5	Providing and laying in position ready mixed concrete for reinforced cement concrete work, using cement content as per approved design mix, manufactured in fully automatic batching plant and transported to site of work in transit mixer for all leads, having continuous agitated mixer, manufactured as per mix design of specified grade for reinforced cement concrete work including pumping of R.M.C. from transit mixer to site of laying , excluding the cost of centering, shuttering finishing and reinforcement including cost of admixtures in recommended proportions as per mix design to accelerate/retard setting of concrete, improve workability without impairing strength and durability as per direction of the Engineer - in - charge. (1:1-1/2:3).4000Psi							
	External Walls	2	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		
	1 Meter Wing Wall	2	0.948	0.250	1.250	0.296		
	(S.I.No. 5- 26b+e)			Per Cu.m	Total	8.654		
6	Providing and laying in position ready mixed concrete for reinforced cement concrete work							
	Top slab	1	8.000	1.600	0.350	4.480		
	(S.I.No. 5- 26a+m)			Per Cu.m	Total	4.480		
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 Aprron	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 Aprron	1	Area 6.773			6.773		
	(S.I.No. 19-34a)			Per Sqm	Total	6.773		
Sub.Total Rs.								
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 BAGGAD KUAPPAR VALLAGE GAWADAR

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							
	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		

	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 Internal Walls Fillet Main Wing Wall 1 Meter Wing Wall Main Wing Wall 1 Meter Wing Wall (S.I.No. 5- 26b+e)	2 1 8 2 2 2 2	8.000 8.000 8.000 4.702 0.948 4.702 0.948	0.300 0.300 0.150 0.250 0.250 0.250 0.250	1.500 1.500 0.150 2.050 1.250 2.050 1.250	7.200 3.600 0.720 2.410 0.296 2.410 0.296		
	Total			Per Cu.m	Total	16.932		
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	6.900	0.350	19.320		
	Total			Per Cu.m	Total	19.320		
7	Providing and laying in position ready mixed concrete for reinforced cement concrete work Parapit walls (S.I.No. 5- 26b+e)	2	6.900	0.300	0.600	2.484		
	Total			Per Cu.m	Total	2.484		
8	Rip Rap Class-B SP-01 D/S of Culvert Apron (S.I.No. 19-31 b)	1	Area 29.768	0.300		8.930		
			Per Cu.m	Total		8.930		
9	Mortor Rip Rap SP-02 D/S of Culvert Apron (S.I.No. 19-34a)	1	Area 29.768			29.768		
			Per Sqm	Total		29.768		
	Sub.Total Rs.							
	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 BAGGAD KUAPPAR
VALLAGE GAWADAR**

Link Road

PIPE CULVERTS

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

CONSTRUCTION OF ROAD FROM MAIN MAKRAN COASTAL HIGHWAY TO BAGGAD KUAPPAR VALLAGE GAWADAR
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 ROAD FROM MAIN MAKRAH COASTAL HIGHWAY TO BAGGAD KUAPPAR VALLAGE GAWADAR

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		

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

**CONSTRUCTION OF ROAD FROM MAIN MAKRAN COASTAL HIGHWAY TO BAGGAD
KUAPPAR VALLAGE GAWADAR**

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 ROAD FROM MAIN MAKRAN COASTAL HIGHWAY TO BAGGAD
KUAPPAR VALLAGE GAWADAR

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)	28.49		
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)	2.85		
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)	9.39		
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)	8.75		
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)	1.814		
	SUB TOTAL			
	Above/ below ___% Premium if any on CSR 2023			
	G.Total ₹			

S No.	RD		No.	Length		Depth	Quantity (CM)
	From	To					
1			1	6.0	2.590	1.000	15.540
2			1	5.0	2.590	1.000	12.950
				11.0			
Total Quantity							28.49

CONSTRUCTION OF ROAD FROM MAIN MAKRAN COASTAL HIGHWAY TO BAGGAD KUAPPAR VALLAGE GAWADAR

2-Lean Concrete

S No.	RD		No.	Length		Depth	Quantity (CM)
	From	To					
1			1	6.00	2.590	0.10	1.55
2			1	5.00	2.590	0.10	1.30
Total Quantity							2.85

S No.	From	To	No.	Length		Depth	Quantity (CM)
R/Wall (Bed Under Ground)							
1			1	6.0	2.440	0.350	5.124
2			1	5.0	2.440	0.350	4.270
Total Quantity							9.394
R/Wall (Wall On Ground)							
1			1	6.0	0.300	2.650	4.770
2			1	5.0	0.300	2.650	3.975
Total Quantity							8.745

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

**CONSTRUCTION OF ROAD FROM MAIN MAKRAN COASTAL HIGHWAY TO BAGGAD
KUAPPAR VALLAGE GAWADAR**

Detail Quantities of Steel

S No.	RD		No.	Concrete (CM)	Steel (Kgs)
	From	To			
1			1	9.894	989.40
2			1	8.245	824.50
Total Quantity (Kgs)					1813.90
Total Quantity (Tonnes)					1.81

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

**CONSTRUCTION OF ROAD FROM MAIN MAKRAN COASTAL HIGHWAY TO BAGGAD KUAPPAR
VALLAGE GAWADAR**

PCC Retaining Wall/ Brast Wall					Remarks
No.	Description	Unit	Length	Amount (Pak Rs.)	
1	PCC Retaining Wall / Brast Wall	Rm	10.00		
TOTAL					

GWADAR LASBELA LIVELIHOODS SUPPORT PROJECT PHASE-II (GLLSP-II)
CONSTRUCTION OF ROAD FROM MAIN MAKHRAN COASTAL HIGHWAY TO BAGGAD KUAPPAR VALLAGE GAWADAR

PCC Retaining Wall/ Brast Wall 2 m Height

[illegible]

GWADAR LASBELA LIVELIHOODS SUPPORT PROJECT PHASE-II (GLLSP-II)
CONSTRUCTION OF ROAD FROM MAIN MAKHRAN COASTAL HIGHWAY TO BAGGAD KUAPPAR VALLAGE GAWADAR

PCC Retaining Wall/ Brast Wall 3 m Height

[illegible]

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

**CONSTRUCTION OF ROAD FROM MAIN MAKRAN COASTAL HIGHWAY TO
BAGGAD KUAPPAR VALLAGE GAWADAR**

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			20	1	5	2.00	3.606	
2			10	1	2	2.00	3.606	
3			25	1	3	3.00	5.409	

LENGTH (M) 10

GWADAR LASBELA LIVELIHOODS SUPPORT PROJECT PHASE-II (GLLSP-II)
CONSTRUCTION OF ROAD FROM MAIN MAKRAN COASTAL HIGHWAY TO BAGGAD
KUAPPAR VALLAGE GAWADAR

PARAPET WALLS

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

CONSTRUCTION OF ROAD FROM MAIN MAKRAN COASTAL HIGHWAY TO BAGGAD KUAPPAR VALLAGE GAWADAR

S.NO	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT PK RS.
1	<u>PCC PARAPET WALL</u> PCC Parapet Wall	No.	8		
TOTAL					
Above/ below ____% Premium if any on CSR 2023					
GRAND TOTAL					

GWADAR LASBELA LIVELIHOODS SUPPORT PROJECT PHASE-II (GLLSP-II)
CONSTRUCTION OF ROAD FROM MAIN MAKRAN COASTAL HIGHWAY TO
BAGGAD KUAPPAR VALLAGE GAWADAR

SCHEDULE OF PARAPET WAL

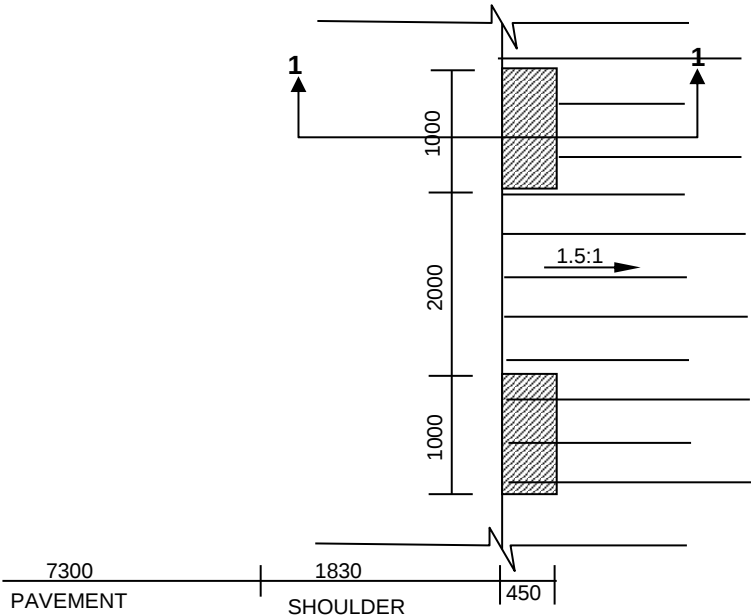
S.NO	CHAINAGE FROM TO		LENGTH (M)	SIDE	TOTAL LENGTH (M)	PARAPET WAL No,s
1			3	1	3	2
2			2	1	2	2
3			4	1	4	2
4			3	1	3	2
						8

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

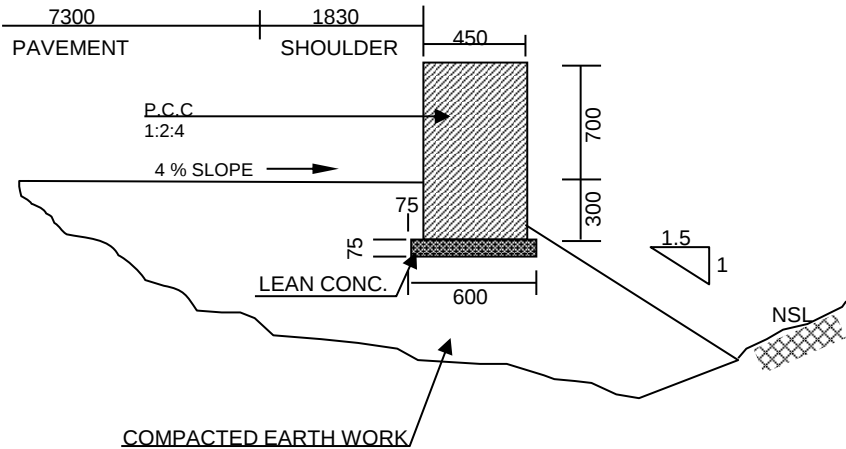
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Government of Balochistan

CONSTRUCTION OF ROAD FROM MAIN MAKRAN COASTAL HIGHWAY TO BAGGAD KUAPPAR
VALLAGE GAWADAR



PLAN
OF PARAPET WALL



SECTION 1-1
OF PARAPET WALL