

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

**CONSTRUCTION OF B/T ROAD FROM GADANI BEACH LINK ROAD TO SHAIKH
FARM**

DETAIL ESTIMATE

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

CONSTRUCTION OF B/T ROAD FROM GADANI BEACH LINK ROAD TO SHAIKH FARM

GENERAL ABSTRACT OF COST

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

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

**CONSTRUCTION OF B/T ROAD FROM GADANI BEACH LINK ROAD TO SHAIKH
FARM**

**DETAIL OF
BILL#1
EARTH WORK**

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

CONSTRUCTION OF B/T ROAD FROM GADANI BEACH LINK ROAD TO SHAIKH FARM

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		11648.85	
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		11648.85	
3	Excavation or cutting to a required grade, camber and side slopes including dressing top and sides and disposal of excavated material within a lift of 5ft (1.5m) and lead upto 100 ft. (30m) All Kind of Soil (S.i.No 21-1a)	Cum		454.75	
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		5879.63	
4	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 1-e) Upto 5th Km	Cum		5879.63	
SUB.Total					
Above/ below ___% Premium if any on CSR 2023					
G.Total					

GWADAR LASBELA LIVELIHOODS SUPPORT PROJECT PHASE-II (GLLSP-II)**CONSTRUCTION OF B/T ROAD FROM GADANI BEACH LINK ROAD TO SHAIKH FARM****CG & NGC**

Chainage	Length(m)	Left	Right	Total Width	Average Width	Area
00+000	0.00	3.685	3.525	7.210	0.000	0.000
00+025	25.00	3.004	3.256	6.260	6.735	168.375
00+050	25.00	3.375	3.715	7.090	6.675	166.875
00+075	25.00	4.514	4.979	9.493	8.292	207.288
00+100	25.00	5.070	5.530	10.600	10.047	251.163
00+125	25.00	5.877	6.002	11.879	11.240	280.988
00+150	25.00	6.007	6.092	12.099	11.989	299.725
00+175	25.00	6.034	6.055	12.089	12.094	302.350
00+200	25.00	5.582	5.749	11.331	11.710	292.750
00+225	25.00	4.196	4.194	8.390	9.861	246.513
00+250	25.00	2.788	2.798	5.586	6.988	174.700
00+275	25.00	0.000	0.000	0.000	2.793	69.825
00+300	25.00	3.211	3.152	6.363	3.182	79.538
00+325	25.00	3.565	3.508	7.073	6.718	167.950
00+350	25.00	3.923	3.795	7.718	7.396	184.888
00+375	25.00	4.269	4.038	8.307	8.013	200.313
00+400	25.00	4.190	4.206	8.396	8.352	208.788
00+425	25.00	4.117	4.029	8.146	8.271	206.775
00+450	25.00	4.121	3.997	8.118	8.132	203.300
00+475	25.00	3.796	3.832	7.628	7.873	196.825
00+500	25.00	3.582	3.524	7.106	7.367	184.175
00+525	25.00	2.846	1.373	4.219	5.663	141.567
00+550	25.00	0.000	0.000	0.000	2.110	52.742
00+575	25.00	0.000	0.000	0.000	0.000	0.000
00+600	25.00	3.046	3.086	6.132	3.066	76.650
00+625	25.00	4.583	4.561	9.144	7.638	190.950
00+650	25.00	5.066	4.895	9.961	9.553	238.813
00+675	25.00	5.046	4.979	10.025	9.993	249.825
00+700	25.00	4.983	5.033	10.016	10.021	250.513
00+725	25.00	4.438	4.554	8.992	9.504	237.600
00+750	25.00	4.195	4.028	8.223	8.608	215.188
00+775	25.00	3.810	3.454	7.264	7.744	193.588
00+800	25.00	3.613	3.451	7.064	7.164	179.100
00+825	25.00	4.187	4.006	8.193	7.629	190.713
00+850	25.00	4.338	4.291	8.629	8.411	210.275
00+875	25.00	4.311	4.291	8.602	8.616	215.388
00+900	25.00	4.314	4.308	8.622	8.612	215.300
00+925	25.00	4.269	4.248	8.517	8.570	214.238
00+950	25.00	4.218	4.185	8.403	8.460	211.500
00+975	25.00	4.235	4.201	8.436	8.420	210.488
01+000	25.00	4.106	4.103	8.209	8.323	208.063
01+025	25.00	3.955	3.966	7.921	8.065	201.625
01+050	25.00	3.785	3.806	7.591	7.756	193.900
01+075	25.00	3.557	3.773	7.330	7.461	186.513
01+100	25.00	3.409	3.730	7.139	7.235	180.863
01+125	25.00	4.131	4.240	8.371	7.755	193.875
01+150	25.00	4.045	4.103	8.148	8.260	206.488
01+175	25.00	3.959	4.100	8.059	8.104	202.588
01+200	25.00	3.730	4.116	7.846	7.953	198.813
01+225	25.00	3.725	4.208	7.933	7.890	197.238

GWADAR LASBELA LIVELIHOODS SUPPORT PROJECT PHASE-II (GLLSP-II)
CONSTRUCTION OF B/T ROAD FROM GADANI BEACH LINK ROAD TO SHAIKH FARM

Earthwork (Cutting & Filling)

Chainage	Length(m)	Cut Area(Sq.m)	Average of cut Area(Sq.m)	Cut Volume(Cu.m)	Fill Area(Sq.m)	Average of fill Area(Sq.m)	Fill Volume(Cu.m)
00+000	0.00	0.000	0.000	0.000	1.240	0.000	0.000
00+025	25.00	0.470	0.235	5.875	0.300	0.770	19.250
00+050	25.00	0.000	0.235	5.875	1.200	0.750	18.750
00+075	25.00	0.000	0.000	0.000	6.180	3.690	92.250
00+100	25.00	0.000	0.000	0.000	8.800	7.490	187.250
00+125	25.00	0.000	0.000	0.000	12.580	10.690	267.250
00+150	25.00	0.000	0.000	0.000	13.220	12.900	322.500
00+175	25.00	0.000	0.000	0.000	13.040	13.130	328.250
00+200	25.00	0.000	0.000	0.000	10.930	11.985	299.625
00+225	25.00	0.000	0.000	0.000	3.650	7.290	182.250
00+250	25.00	1.310	0.655	16.375	0.020	1.835	45.875
00+275	25.00	3.350	2.330	58.250	0.000	0.010	0.250
00+300	25.00	0.300	1.825	45.625	0.360	0.180	4.500
00+325	25.00	0.000	0.150	3.750	1.130	0.745	18.625
00+350	25.00	0.000	0.000	0.000	2.390	1.760	44.000
00+375	25.00	0.000	0.000	0.000	3.560	2.975	74.375
00+400	25.00	0.000	0.000	0.000	3.610	3.585	89.625
00+425	25.00	0.000	0.000	0.000	3.140	3.375	84.375
00+450	25.00	0.000	0.000	0.000	2.930	3.035	75.875
00+475	25.00	0.000	0.000	0.000	2.440	2.685	67.125
00+500	25.00	0.000	0.000	0.000	0.910	1.675	41.875
00+525	25.00	1.920	0.960	24.000	0.030	0.470	11.750
00+550	25.00	5.360	3.640	91.000	0.000	0.015	0.375
00+575	25.00	4.840	5.100	127.500	0.000	0.000	0.000
00+600	25.00	0.640	2.740	68.500	0.240	0.120	3.000
00+625	25.00	0.000	0.320	8.000	5.530	2.885	72.125
00+650	25.00	0.000	0.000	0.000	7.340	6.435	160.875
00+675	25.00	0.000	0.000	0.000	7.680	7.510	187.750
00+700	25.00	0.000	0.000	0.000	7.730	7.705	192.625
00+725	25.00	0.000	0.000	0.000	5.190	6.460	161.500
00+750	25.00	0.000	0.000	0.000	3.280	4.235	105.875
00+775	25.00	0.000	0.000	0.000	1.230	2.255	56.375
00+800	25.00	0.000	0.000	0.000	0.920	1.075	26.875
00+825	25.00	0.000	0.000	0.000	3.240	2.080	52.000
00+850	25.00	0.000	0.000	0.000	4.300	3.770	94.250
00+875	25.00	0.000	0.000	0.000	4.190	4.245	106.125
00+900	25.00	0.000	0.000	0.000	4.230	4.210	105.250
00+925	25.00	0.000	0.000	0.000	4.010	4.120	103.000
00+950	25.00	0.000	0.000	0.000	3.770	3.890	97.250
00+975	25.00	0.000	0.000	0.000	3.840	3.805	95.125
01+000	25.00	0.000	0.000	0.000	3.360	3.600	90.000
01+025	25.00	0.000	0.000	0.000	2.780	3.070	76.750
01+050	25.00	0.000	0.000	0.000	2.090	2.435	60.875
01+075	25.00	0.000	0.000	0.000	1.690	1.890	47.250
01+100	25.00	0.000	0.000	0.000	1.360	1.525	38.125
01+125	25.00	0.000	0.000	0.000	3.670	2.515	62.875
01+150	25.00	0.000	0.000	0.000	3.320	3.495	87.375
01+175	25.00	0.000	0.000	0.000	3.040	3.180	79.500
01+200	25.00	0.000	0.000	0.000	2.930	2.985	74.625
01+225	25.00	0.000	0.000	0.000	2.720	2.825	70.625
01+250	25.00	0.000	0.000	0.000	4.140	3.430	85.750
01+275	25.00	0.000	0.000	0.000	4.810	4.475	111.875
01+300	25.00	0.000	0.000	0.000	4.620	4.715	117.875
01+325	25.00	0.000	0.000	0.000	5.640	5.130	128.250
01+350	25.00	0.000	0.000	0.000	8.390	7.015	175.375
01+375	25.00	0.000	0.000	0.000	7.630	8.010	200.250
01+400	25.00	0.000	0.000	0.000	6.710	7.170	179.250
01+425	25.00	0.000	0.000	0.000	5.030	5.870	146.750
01+450	25.00	0.000	0.000	0.000	6.990	6.010	150.250
Length(m)	1450.00		Cut Volume(Cu.m)	454.750		Fill Volume(Cu.m)	5879.625

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

CONSTRUCTION OF B/T ROAD FROM GADANI BEACH LINK ROAD TO SHAIKH FARM

BILL#2

SUB BASE & BASE

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

CONSTRUCTION OF B/T ROAD FROM GADANI BEACH LINK ROAD TO SHAIKH FARM

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		915.94	
	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		915.94	
	(S.i.No 1K) 11 to14th Km	Cum		915.94	
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		1,246.95	
	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		1246.95	
	(S.i.No 1K) 11 to14th Km	Cum		1246.95	
Sub.Total					
Above/ below ___% Premium if any on CSR 2023					
G.Total					

GWADAR LASBELA LIVELIHOODS SUPPORT PROJECT PHASE-II (GLLSP-II)
CONSTRUCTION OF B/T ROAD FROM GADANI BEACH LINK ROAD TO SHAIKH FARM

Detail Quantities

Natural pitrun gravel 50 mm (2") Supplying

S.NO	Description	Unit	No,s	Granular sub base						Remarks
				Chainage (Km)		L (M)	W (M)	H (M)	Qty (Cum)	
				From	To					
1	Granular sub base	Cum	1	00+000	01+450	1450	4.2112	0.15	915.94	Main Road
Total									915.94	

GWADAR LASBELA LIVELIHOODS SUPPORT PROJECT PHASE-II (GLLSP-II)
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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	01+450	1450	3.905	0.15	849.36	Main Road
2	Aggregate Base	Cum	2	00+000	01+450	1450	0.914	0.15	397.59	Shoulders
Total									1246.95	

**GWADAR LASBELA LIVELIHOODS SUPPORT PROJECT PHASE-II (GLLSP-II)
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BILL#3

SURFACING

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

CONSTRUCTION OF B/T ROAD FROM GADANI BEACH LINK ROAD TO SHAIKH FARM

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		5440.46	
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		5366.48	
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		2650.60	
Sub.Total					
Above/ below ___% Premium if any on CSR 2023					
G.Total					

GWADAR LASBELA LIVELIHOODS SUPPORT PROJECT PHASE-II (GLLSP-II)
CONSTRUCTION OF B/T ROAD FROM GADANI BEACH LINK ROAD TO SHAIKH FARM

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	01+450	1450	3.752	5440	Main Road
G.Total								5440.46	

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

CONSTRUCTION OF B/T ROAD FROM GADANI BEACH LINK ROAD TO SHAIKH FARM

Detail Quantities

Asphalt Wearing Course

S.No	Description	Unit	No,s	Chainage (Km)		L (M)	Width (M)	Quantity (Sqm)	Remarks
				From	To				
1	Asphlat Wering Course	Sqm	1	00+000	01+450	1450	3.701	5366	Main Road
G.Total								5366.48	

GWADAR LASBELA LIVELIHOODS SUPPORT PROJECT PHASE-II (GLLSP-II)
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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	01+450	1450	0.914	2651	Shoulder Both Side
G.Total								2650.60	

GWADAR LASBELA LIVELIHOODS SUPPORT PROJECT PHASE-II (GLLSP-II)
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BILL#5
ANCILLARY
WORKS

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

CONSTRUCTION OF B/T ROAD FROM GADANI BEACH LINK ROAD TO SHAIKH FARM

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		2900.0	
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		370.0	
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		1.0	
	SUB.TOTAL				
	Above/ below ___% Premium if any on CSR 2023				
	G.TOTAL				

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

Pavement Marking

S. No.	Description	Unit	No,s	Chainage (Km)		L (M)	Qty (M)	Remarks
				From	To			
1	P/L Road Marking With Reflective TP Thermoplastic) paint for lines of 12.50 cm width. (YELLOW)	M	2	00+000	01+450	1450	2900.0	Both sides full length Main Road
				Total			2900.0	

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DETAIL

Pavement Marking

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

GWADAR LASBELA LIVELIHOODS SUPPORT PROJECT PHASE-II (GLLSP-II)**CONSTRUCTION OF B/T ROAD FROM GADANI BEACH LINK ROAD TO SHAIKH FARM****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	01+450	1450	363	In 2 Rows having 8m interval Main Road
4	Crossing	Each	2			7.32	7.0	In 2 Rows having 3m interval
						Total	370	

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

CONSTRUCTION OF B/T ROAD FROM GADANI BEACH LINK ROAD TO SHAIKH FARM

DETAIL ESTIMATE

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

S No.	Description	Unit	Chainage (Km)		L (M)	No,s	Qty (M)	Remarks
			From	To				
1	Main Rod	Each	00+000	01+450	1450	1	2	1 Km interval Both Side
Total							2	

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

CONSTRUCTION OF B/T ROAD FROM GADANI BEACH LINK ROAD TO SHAIKH FARM

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	01+450	1450	1	1	1 Km interval
Total							1	

**GWADAR LASBELA LIVELIHOODS SUPPORT PROJECT PHASE-II (GLLSP-II)
CONSTRUCTION OF B/T ROAD FROM GADANI BEACH LINK ROAD TO
SHAIKH FARM**

STRUCTURES WORKS

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

CONSTRUCTION OF B/T ROAD FROM GADANI BEACH LINK ROAD TO SHAIKH FARM

STRUCTURE WORKS

S.NO	DESCRIPTION	Unit	Qty.	AMOUNT PK RS.
1	RCC Box Culverts	No	3	
2	RCC Pipe Culverts	No	1	
4	RCC wall	RM	5	
5	PCC Wall	RM	26	
7	PCC Side Drain	RM	40	
8	PCC Parapet Walls	No	26	
TOTAL				

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

CONSTRUCTION OF B/T ROAD FROM GADANI BEACH LINK ROAD TO SHAIKH FARM

DETAIL OF BOX CULVERTS

GWADAR LASBELA LIVELIHOODS SUPPORT PROJECT PHASE-II (GLLSP-II)
CONSTRUCTION OF B/T ROAD FROM GADANI BEACH LINK ROAD TO SHAIKH FARM

S.NO	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT PK RS.
A.	STRUCTURE WORK BOX CULVERT				
1	RCC Box Culvert (1 x 2 x 1 M)	No.	1		
2	RCC Box Culvert (2 x 2 x 2 M)	No.	1		
3	RCC Box Culvert (3 x 2 x 2 M)	No.	1		
TOTAL			3		

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

CONSTRUCTION OF B/T ROAD FROM GADANI BEACH LINK ROAD TO SHAIKH FARM

DETAIL ESTIMATE OF RCC BOX CULVERT (Cell No.= 1 Span = 2 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	11.000	3.600	1.000	39.600		
		Toe Wall	2	3.600	0.500	0.750	2.700		
		Wing Wall Bed	2	10.996		1.000	21.992		
		Wing Wall Bed	2	10.996		1.000	21.992		
		Cut of Wall	1	6.600	0.300	1.000	1.980		
		(S.I. NO.3-21b iv)				Per Cu.m	Total	88.264	
		2	Providing and laying cement concrete using approved coarse sand and crushed aggregate 3/4" (19mm) & downgauge in foundation including leveling, compacting and curing. (1:4:8).	Culvert bed	1	9.400	2.800	0.100	2.632
Toe Wall	2			2.800	0.400	0.100	0.224		
Wing Wall	2			5.728		0.100	1.146		
Wing Wall	2			5.728		0.100	1.146		
(S.I.No.5-8e)					Per Cu.m	Total	5.147		
3	Providing, fabricating and laying deformed Grade 60 steel reinforcement (deformed bar) for all kinds of R.C.C work in foundation, plinth and ground floor including the cost of straightening, removal of rust, cutting, bending, binding, wastage and providing such over-laps as are not shown on the drawings. The cost of binding wire and cement concrete spacer blocks or chairs for binding and holding the reinforcement in position is inclusive upto 15 ft. (5m) height (Steel G-60)	Culvert+Wing walls	1	37.704		Kgs 3525.324	Tons 3.525		
		(S.I.No. 5- 65a)				Per tonne	Total	3.702	
4	Providing and laying in position ready mixed	Culvert Base slab	1	10.000	2.600	0.350	9.100		
		Toe wall	2	2.600	0.650	0.300	1.014		
		Wing Wall Bed	2	4.178		0.300	2.507		
		Wing Wall 1m Portion Bed	2	0.616		0.250	0.308		
		Wing Wall Bed	2	4.178		0.300	2.507		
		Wing Wall 1m Portion Bed	2	0.616		0.250	0.308		
		Apran Cut of Wall	1	6.600	0.300	1.000	1.980		
		(S.I.No. 5- 26b+d)				Per Cu.m	Total	17.724	

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

CONSTRUCTION OF B/T ROAD FROM GADANI BEACH LINK ROAD TO SHAIKH FARM

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

Q. NO.	DESCRIPTION	No	Length	Width	Depth/H	QTY	Rate (Rs.)	AMOUNT (Rs)
5	Providing and laying in position ready mixed concrete for reinforced cement concrete work, using cement content as per approved design mix, manufactured in fully automatic batching plant and transported to site of work in transit mixer for all leads, having continuous agitated mixer, manufactured as per mix design of specified grade for reinforced cement concrete work including pumping of R.M.C. from transit mixer to site of laying , excluding the cost of centering, shuttering finishing and reinforcement including cost of admixtures in recommended proportions as per mix design to accelerate/retard setting of concrete, improve workability without impairing strength and durability as per direction of the Engineer - in - charge. (1:1-1/2:3).4000Psi							
	External Walls	2	10.000	0.300	1.000	6.000		
	Internal Walls	0	10.000	0.300	1.000	0.000		
	Fillet	4	10.000	0.150	0.150	0.450		
	Main Wing Wall	2	3.288	0.250	1.765	1.451		
	1 Meter Wing Wall	2	0.948	0.250	1.250	0.296		
	Main Wing Wall	2	3.288	0.250	1.765	1.451		
	1 Meter Wing Wall	2	0.948	0.250	1.250	0.296		
	(S.I.No. 5- 26b+e)			Per Cu.m	Total	9.944		
6	Providing and laying in position ready mixed concrete for reinforced cement concrete work							
	Top slab	1	10.000	2.600	0.350	9.100		
	(S.I.No. 5- 26a+m)			Per Cu.m	Total	9.100		
7	Providing and laying in position ready mixed concrete for reinforced cement concrete work							
	Parapit walls	2	2.600	0.300	0.600	0.936		
	(S.I.No. 5- 26b+e)			Per Cu.m	Total	0.936		
8	Rip Rap Class-B							
	SP-01 D/S of Culvert Apron (S.I.No. 19-31 b)	1		Area 8.923 Per Cu.m	0.300	2.677		
					Total	2.677		
9	Mortor Rip Rap							
	SP-02 D/S of Culvert Apron (S.I.No. 19-34a)	1		Area 8.923 Per Sqm		8.923		
					Total	8.923		
SUB.Total								
Above/ below ___% Premium if any on CSR 2023								
G.Total								

GWADAR LASBELA LIVELIHOODS SUPPORT PROJECT PHASE-II (GLLSP-II)
CONSTRUCTION OF B/T ROAD FROM GADANI BEACH LINK ROAD TO SHAIKH FARM
 DETAIL ESTIMATE OF RCC BOX CULVERT (Cell No.= 2 Span = 2 Height = 2) m

Q. NO.	DESCRIPTION	No	Length	Width	Depth/H	QTY	Rate (Rs.)	AMOUNT (Rs)		
1	Excavation in foundation of buildings and bridges including layout, dressing, refilling around structures with excavated earth, watering & ramming lead upto 100 ft. (30m) & lift upto 5 ft. (1.5m) (Machinery)	Culvert bed	1	11.000	5.900	1.000	64.900			
		Toe Wall	2	5.900	0.500	0.750	4.425			
		Wing Wall Bed	2	21.776		1.000	43.552			
		Wing Wall Bed	2	21.776		1.000	43.552			
		Cut of Wall	1	12.900	0.300	1.000	3.870			
		(S.I. NO.3-21b iv)						Total	160.299	
2	Providing and laying cement concrete using approved coarse sand and crushed aggregate 3/4" (19mm) & downgauge in foundation including leveling, compacting and curing. (1:4:8).	Culvert bed	1	9.400	5.100	0.100	4.794			
		Toe Wall	2	5.100	0.400	0.100	0.408			
		Wing Wall	2	13.439		0.100	2.688			
		Wing Wall	2	13.439		0.100	2.688			
		(S.I.No.5-8e)						Total	10.578	
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	82.518		Kgs 7715.433	Tons 7.715			
		(S.I.No. 5- 65a)						Total	8.101	
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	10.000	4.900	0.350	17.150			
		Toe wall	2	4.900	0.650	0.300	1.911			
		Wing Wall Bed	2	11.275		0.300	6.765			
		Wing Wall 1m Portion Bed	2	0.616		0.250	0.308			
		Wing Wall Bed	2	11.275		0.300	6.765			
		Wing Wall 1m Portion Bed	2	0.616		0.250	0.308			
		Apran Cut of Wall	1	12.900	0.300	1.000	3.870			
		(S.I.No. 5- 26b+d)						Total	37.077	
		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							

GWADAR LASBELA LIVELIHOODS SUPPORT PROJECT PHASE-II (GLLSP-II)
CONSTRUCTION OF B/T ROAD FROM GADANI BEACH LINK ROAD TO SHAIKH FARM
 DETAIL ESTIMATE OF RCC BOX CULVERT (Cell No.= 2 Span = 2 Height = 2) m

QTY	DESCRIPTION	No	Length	Width	Depth/H	QTY	Rate (Rs.)	AMOUNT (Rs)
	External Walls	2	10.000	0.300	2.000	12.000		
	Internal Walls	1	10.000	0.300	2.000	6.000		
	Fillet	8	10.000	0.150	0.150	0.900		
	Main Wing Wall	2	6.117	0.250	2.300	3.517		
	1 Meter Wing Wall	2	0.948	0.250	1.250	0.296		
	Main Wing Wall	2	6.117	0.250	2.300	3.517		
	1 Meter Wing Wall	2	0.948	0.250	1.250	0.296		
	(S.I.No. 5- 26b+e)			Per Cu.m	Total	26.527		
6	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							
	Top slab	1	10.000	4.900	0.350	17.150		
	(S.I.No. 5- 26a+m)			Per Cu.m	Total	17.150		
7	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							
	Parapit walls	2	4.900	0.300	0.600	1.764		
	(S.I.No. 5- 26b+e)			Per Cu.m	Total	1.764		
8	Rip Rap Class-B							
	SP-01 D/S of Culvert Apron (S.I.No. 19-31 b)	1		Area 35.068 Per Cu.m	0.300	10.520		
					Total	10.520		
9	Mortar Rip Rap							
	SP-02 D/S of Culvert Apron (S.I.No. 19-34a)	1		Area 35.068 Per Sqm		35.068		
					Total	35.068		
SUB.Total								
Above/ below ___% Premium if any on CSR 2023								
G.Total								

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

CONSTRUCTION OF B/T ROAD FROM GADANI BEACH LINK ROAD TO SHAIKH FARM

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

Q. NO.	DESCRIPTION	No	Length	Width	Depth/H	QTY	Rate (Rs.)	AMOUNT (Rs)	
1	Excavation in foundation of buildings and bridges including layout, dressing, refilling around structures with excavated earth, watering & ramming lead upto 100 ft. (30m) & lift upto 5 ft. (1.5m) (Machinery)	Culvert bed	1	11.000	8.200	1.000	90.200		
		Toe Wall	2	8.200	0.500	0.750	6.150		
		Wing Wall Bed	2		21.776	1.000	43.552		
		Wing Wall Bed	2		21.776	1.000	43.552		
		Cut of Wall	1	15.200	0.300	1.000	4.560		
		(S.I. NO.3-21b iv)				Per Cu.m	Total	188.014	
		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	9.400	7.400	0.100	6.956
Toe Wall	2			7.400	0.400	0.100	0.592		
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	12.924		
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	107.483		Kgs 10049.661	Tons 10.050
		(S.I.No. 5- 65a)				Per tonne	Total	10.552	
		4	Providing and laying in position ready mixed concrete	Culvert Base slab	1	10.000	7.200	0.350	25.200
Toe wall	2			7.200	0.650	0.300	2.808		
Wing Wall Bed	2				11.275	0.300	6.765		
Wing Wall 1m Portion Bed	2				0.616	0.250	0.308		
Wing Wall Bed	2				11.275	0.300	6.765		
Wing Wall 1m Portion Bed	2				0.616	0.250	0.308		
Apran Cut of Wall	1			15.200	0.300	1.000	4.560		
(S.I.No. 5- 26b+d)					Per Cu.m	Total	46.714		

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

CONSTRUCTION OF B/T ROAD FROM GADANI BEACH LINK ROAD TO SHAIKH FARM

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

QUA	DESCRIPTION	No	Length	Width	Depth/H	QTY	Rate (Rs.)	AMOUNT (Rs)
5	Providing and laying in position ready mixed concrete for reinforced cement concrete work, using cement content as per approved design mix, manufactured in fully automatic batching plant and transported to site of work in transit mixer for all leads, having continuous agitated mixer, manufactured as per mix design of specified grade for reinforced cement concrete work including pumping of R.M.C. from transit mixer to site of laying , excluding the cost of centering, shuttering finishing and reinforcement including cost of admixtures in recommended proportions as per mix design to accelerate/retard setting of concrete, improve workability without impairing strength and durability as per direction of the Engineer - in - charge. (1:1-1/2:3).4000Psi							
	External Walls	2	10.000	0.300	2.000	12.000		
	Internal Walls	2	10.000	0.300	2.000	12.000		
	Fillet	12	10.000	0.150	0.150	1.350		
	Main Wing Wall	2	6.117	0.250	2.300	3.517		
	1 Meter Wing Wall	2	0.948	0.250	1.250	0.296		
	Main Wing Wall	2	6.117	0.250	2.300	3.517		
	1 Meter Wing Wall	2	0.948	0.250	1.250	0.296		
	(S.I.No. 5- 26b+e)			Per Cu.m	Total	32.977		
6	Providing and laying in position ready mixed concrete for reinforced cement concrete work							
	Top slab	1	10.000	7.200	0.350	25.200		
	(S.I.No. 5- 26a+m)			Per Cu.m	Total	25.200		
7	Providing and laying in position ready mixed concrete for reinforced cement concrete work							
	Parapit walls	2	7.200	0.300	0.600	2.592		
	(S.I.No. 5- 26b+e)			Per Cu.m	Total	2.592		
8	Rip Rap Class-B							
	SP-01 D/S of Culvert Apron (S.I.No. 19-31 b)	1		Area 44.613 Per Cu.m	0.300	13.384		
					Total	13.384		
9	Mortor Rip Rap							
	SP-02 D/S of Culvert Apron (S.I.No. 19-34a)	1		Area 44.613 Per Sqm		44.613		
					Total	44.613		
	SUB.Total							
	Above/ below ___% Premium if any on CSR 2023							
	G.Total							

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

CONSTRUCTION OF B/T ROAD FROM GADANI BEACH LINK ROAD TO SHAIKH FARM

Link Road

PIPE CULVERTS

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

CONSTRUCTION OF B/T ROAD FROM GADANI BEACH LINK ROAD TO SHAIKH FARM

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.	1	-	-
		Total No.	1		
TOTAL					-

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

CONSTRUCTION OF B/T ROAD FROM GADANI BEACH LINK ROAD TO SHAIKH FARM

PIPIE CULVERT 1 CELLS (36" Outer dia)

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

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

CONSTRUCTION OF B/T ROAD FROM GADANI BEACH LINK ROAD TO SHAIKH FARM

PIPIE CULVERT 1 CELLS (36" Outer dia)

S.No	DESCRIPTION	No	Length	Width	Depth/H	QTY	Unit	Rate	AMOUNT (Rs)
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 (S.I.No. 5- 26b+e)								
	Wing wall	4	2.700	0.300	1.500	4.860	Cu.m		
	U/S , D/S cut-off walls	2	1.500	0.300	0.600	0.540	Cu.m		
						5.940	Cu.m	27507.92	163,397.04
5	Providing RCC pipe with bell and spigot or tongued and grooved joint conforming to ASTM C-76 class II wall B or B.S 3911 part I class M including cost of reinforcement 24" (600 mm) inner dia. RCC Pipe (S.I No. 25-1b-vi)								
		1	12.000			12.000	RM		
						12.000	R.M	6872.46	82,469.52
	SUB.Total								
	Above/ below ___% Premium if any on CSR 2023								
	G.Total								

GWADAR LASBELA LIVELIHOODS SUPPORT PROJECT PHASE-II (GLLSP-II)
CONSTRUCTION OF B/T ROAD FROM GADANI BEACH LINK ROAD TO SHAIKH
FARM

DETAIL OF

RETAINING WALL

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

CONSTRUCTION OF B/T ROAD FROM GADANI BEACH LINK ROAD TO SHAIKH FARM

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

**GWADAR LASBELA LIVELIHOODS SUPPORT PROJECT PHASE-II (GLLSP-II)
CONSTRUCTION OF B/T ROAD FROM GADANI BEACH LINK ROAD TO SHAIKH FARM**

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)	62.16		
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)	6.22		
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)	20.50		
4	Providing and laying in position ready mixed concrete for reinforced cement concrete work, using cement content as per approved design mix, manufactured in fully automatic batching plant and transported to site of work in transit mixer for all leads, having continuous agitated mixer, manufactured as per mix design of specified grade for reinforced cement concrete work including pumping of R.M.C. from transit mixer to site of laying , excluding the cost of centering, shuttering finishing and reinforcement including cost of admixtures in recommended proportions as per mix design to accelerate/ retard setting of concrete, improve workability without impairing strength and durability as per direction of the Engineer - in charge. (1:1-1/2:3).4000Psi Wall (S.I.No. 5-26b+e)	19.08		
5	Providing, fabricating and laying deformed Grade 60 steel reinforcement (deformed bar) for all kinds of R.C.C work in foundation, plinth and ground floor including the cost of straightening, removal of rust, cutting, bending, binding, wastage and providing such over-laps as are not shown on the drawings. The cost of binding wire and cement concrete spacer blocks or chairs for binding and holding the reinforcement in position is inclusive upto 15 ft. (5m) height (S.I.No. 5-65)	3.958		
	SUB.TOTAL			
	Above/ below ___% Premium if any on CSR 2023			
	G.TOTAL			

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

CONSTRUCTION OF B/T ROAD FROM GADANI BEACH LINK ROAD TO SHAIKH FARM

Detail Quantities

1-Structural Excavation

S No.	RD		No.	Length		Depth	Quantity (CM)
	From	To					
1			1	10.0	2.590	1.000	25.900
2			1	14.0	2.590	1.000	36.260
				5.0			
Total Quantity							62.16

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

CONSTRUCTION OF B/T ROAD FROM GADANI BEACH LINK ROAD TO SHAIKH FARM

Detail Quantities

2-Lean Concrete

S No.	RD		No.	Length		Depth	Quantity (CM)
	From	To					
1			1	10.00	2.590	0.10	2.59
2			1	14.00	2.590	0.10	3.63
Total Quantity							6.22

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

CONSTRUCTION OF B/T ROAD FROM GADANI BEACH LINK ROAD TO SHAIKH FARM

Detail Quantities

Bed Concrete

S No.	From	To	No.	Length		Depth	Quantity (CM)
R/Wall (Bed Under Ground)							
1			1	10.0	2.440	0.350	8.540
2			1	14.0	2.440	0.350	11.956
Total Quantity							20.496

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

CONSTRUCTION OF B/T ROAD FROM GADANI BEACH LINK ROAD TO SHAIKH FARM

Detail Quantities

Walls Concrete

S No.	From	To	No.	Length		Depth	Quantity (CM)
R/Wall (Wall On Ground)							
1			1	10.0	0.300	2.650	7.950
2			1	14.0	0.300	2.650	11.130
Total Quantity							19.080

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

CONSTRUCTION OF B/T ROAD FROM GADANI BEACH LINK ROAD TO SHAIKH FARM

Detail Quantities of Steel

S No.	RD		No.	Concrete (CM)	Steel (Kgs)
	From	To			
1			1	16.490	1649.00
2			1	23.086	2308.60
Total Quantity (Kgs)					3957.60
Total Quantity (Tonnes)					3.96

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

CONSTRUCTION OF B/T ROAD FROM GADANI BEACH LINK ROAD TO SHAIKH FARM

PCC Retaining Wall/ Brast Wall					Remarks
No.	Description	Unit	Length	Amount (Pak Rs.)	
1	PCC Retaining Wall / Brast Wall	Rm	26.00		
TOTAL					

GWADAR LASBELA LIVELIHOODS SUPPORT PROJECT PHASE-II (GLLSP-II)
CONSTRUCTION OF B/T ROAD FROM GADANI BEACH LINK ROAD TO SHAIKH FARM

PCC Retaining Wall/ Brast Wall 2 m Height

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		26.00	1.20	1.40	43.68	
2	Providing and laying cement concrete using approved coarse sand and crushed aggregate 3/4"(19mm) & downgauge in foundation including leveling, compacting and curing. (1:4:8) (S.I.No.5-8e)	Cum		26.00	1.20	0.10	3.12	
3	Providing and laying cement concrete using approved coarse sand and crushed aggregate 3/4"(19mm) & downgauge in foundation including leveling, compacting and curing. (1:2:4) (S.I.No.5-8c)	Cum		26.00	1.00	0.30	7.80	
4	Providing & laying in situ cement concrete in wall and piers etc. upto 12"(300mm) in thickness using approved coarse sand & crushed aggregate 3/4"(19mm) & downgauge including compacting, curing, cost of formwork and its removal in basement and ground floor (1:2:4). (S.I.No. 5-13c)	Cum		26.00	0.45	2.00	23.40	
			Total Rs.					
SUB.TOTAL								
Above/ below ___% Premium if any on CSR 2023								
G.TOTAL								

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

CONSTRUCTION OF B/T ROAD FROM GADANI BEACH LINK ROAD TO SHAIKH FARM

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			18	1	18	2.00	3.606	
2			8	1	8	2.00	3.606	

LENGTH (M) 26

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

CONSTRUCTION OF B/T ROAD FROM GADANI BEACH LINK ROAD TO SHAIKH FARM

PCC Drain				Remarks
No.	Description	Unit	Amount (Pak Rs.)	
1	PCC Side Drain	40.00		
TOTAL				

GWADAR LASBELA LIVELIHOODS SUPPORT PROJECT PHASE-II (GLLSP-II)
CONSTRUCTION OF B/T ROAD FROM GADANI BEACH LINK ROAD TO SHAIKH FARM

PCC Side Drain

S.No	DESCRIPTION	L	B	D/H	QTY	Unit	Rate (Rs.)	AMOUNT (Rs)
1	Excavation in foundation of buildings and bridges including layout, dressing, refilling around structures with excavated earth, watering & ramming lead upto 100 ft. (30m) & lift upto 5 ft. (1.5m) Ordinary Soil (S.I. NO.3-21b ii)	40.00	0.724	0.10	2.90	Cum		
2	Providing and laying plain machine mixed cement concrete using coarse sand and crushed aggregate having maximum size upto 1-1/2" (38mm) & down gauge in foundation including levelling, compacting and curing. 1:4:8 (S.I.No.5-5c)	40.00	0.724	0.10	2.90	Cum		
3	Providing and laying plain machine mixed cement concrete using coarse sand and crushed aggregate having maximum size upto 1-1/2" (38mm) & down gauge in foundation including levelling, compacting and curing. (1:2:4). (S.I.No. 5-5a)	40.00	2.57	0.15	15.43	Cum		
							Total Rs.	
SUB.TOTAL								
Above/ below ___% Premium if any on CSR 2023								
G.TOTAL								

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

CONSTRUCTION OF B/T ROAD FROM GADANI BEACH LINK ROAD TO SHAIKH FARM

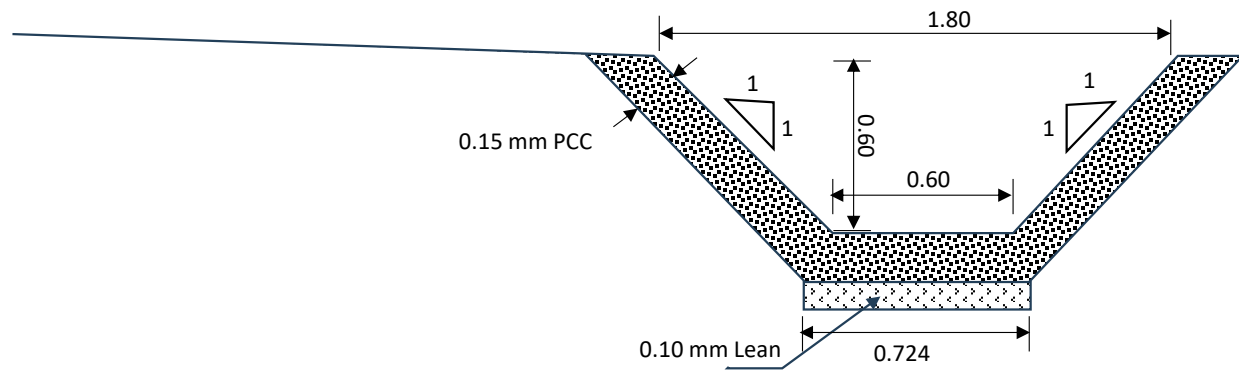
SCHEDULE OF PCC Drain

S.No	CHAINAGE FROM TO		Side	LENGTH (M)	T. LENGTH (M)	Remarks
1			1	12	12	
2			1	10	10	
3			1	18	18	

LENGTH (M) 40

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

CONSTRUCTION OF B/T ROAD FROM GADANI BEACH LINK ROAD TO SHAIKH FARM



**SECTION OF
SIDE DRAIN**

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

CONSTRUCTION OF B/T ROAD FROM GADANI BEACH LINK ROAD TO SHAIKH FARM

PARAPET WALLS

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

CONSTRUCTION OF B/T ROAD FROM GADANI BEACH LINK ROAD TO SHAIKH FARM

S.NO	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT PK RS.
1	<u>PCC PARAPET WALL</u> PCC Parapet Wall	No.	26		
SUB.TOTAL					
Above/ below ___% Premium if any on CSR 2023					
GRAND TOTAL					

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

CONSTRUCTION OF B/T ROAD FROM GADANI BEACH LINK ROAD TO SHAIKH FARM

SCHEDULE OF PARAPET WAL

S.NO	CHAINAGE FROM TO		LENGTH (M)	SIDE	TOTAL LENGTH (M)	PARAPET WAL No,s
1			16	1	16	6
2			20	1	20	8
3			17	2	34	12
						26

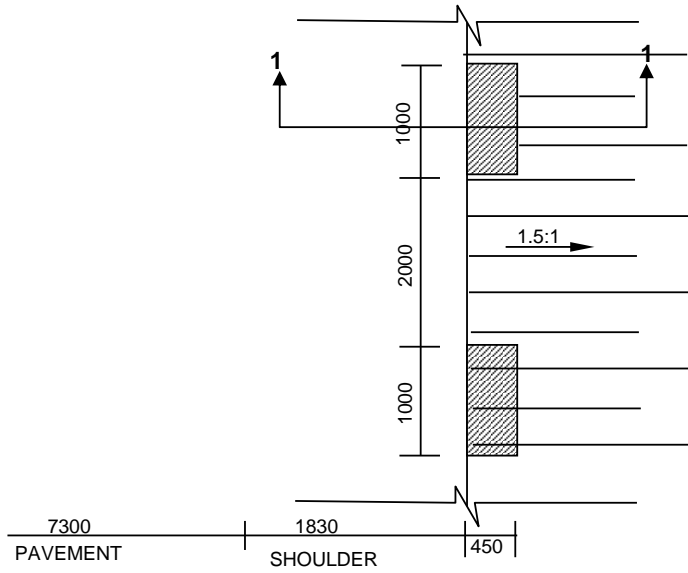
GWADAR LASBELA LIVELIHOODS SUPPORT PROJECT PHASE-II (GLLSP-II)
CONSTRUCTION OF B/T ROAD FROM GADANI BEACH LINK ROAD TO SHAIKH FARM
BILL OF QUANTITIES

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

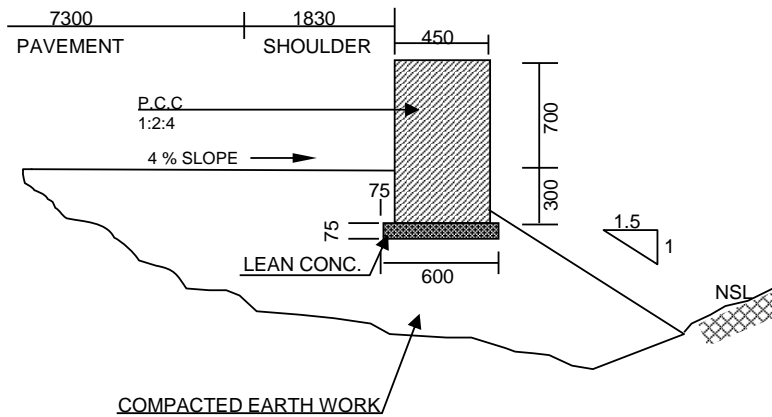
S.No	DESCRIPTION	NO	L	B	D/H	QUANTITY	UNIT	RATE (Pak Rs)	AMOUNT (Pak Rs)
1	Excavation in foundation of buildings and bridges including layout, dressing, refilling around structures with excavated earth, watering & ramming lead upto 100 ft. (30m) & lift upto 5 ft. (1.5m) (S.I. NO.3-21iv)	1	1.000	0.600	0.375	0.225 0.225	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) Lean Concrete	1	1.000	0.600	0.075	0.045 0.045	Cu.m		
3	Providing and laying in situ cement concrete in wall pair etc. up to 12" in thickness using coarse sand and crushed aggregate having maximum size upto 3/4" (19mm) & down including compaction curing cost of formwork its removal (1:2:4). (S.I.No. 5- 13 c)	1	1.000	0.450	1.000	0.450 0.450	Cu.m		
SUB.TOTAL									
Above/ below ___% Premium if any on CSR 2023									
G.TOTAL									

Government of Balochistan

CONSTRUCTION OF B/T ROAD FROM GADANI BEACH LINK ROAD TO SHAIKH FARM



**PLAN
OF PARAPET WALL**



**SECTION 1-1
OF PARAPET WALL**