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

CONSTRUCTION OF ROAD FROM MAIN M8 GAWADAR MOTORWAY TO SHAM NALAINT GAWADAR

DETAIL ESTIMATE

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

CONSTRUCTION OF ROAD FROM MAIN M8 GAWADAR MOTORWAY TO SHAM NALAINT 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	
3	RCC wall	
4	PCC Wall	
5	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 M8 GAWADAR MOTORWAY TO SHAM NALAINT GAWADAR

DETAIL OF BILL#1 EARTH WORK

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

CONSTRUCTION OF ROAD FROM MAIN M8 GAWADAR MOTORWAY TO SHAM NALAINT 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		13763.76	
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		13763.76	
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 royality 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		9715.63	
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 M8

Chainage	Length(m)	Left	Right	Total Width	Average Width	Area
00+000	0.00	3.589	3.429	7.018	0.000	0.000
00+025	25.00	8.933	8.958	17.891	12.455	311.363
00+050	25.00	9.180	8.550	17.730	17.811	445.263
00+075	25.00	8.475	8.925	17.400	17.565	439.125
00+100	25.00	7.737	7.801	15.538	16.469	411.725
00+125	25.00	5.546	7.330	12.876	14.207	355.175
00+150	25.00	4.870	7.408	12.278	12.577	314.425
00+175	25.00	3.606	5.876	9.482	10.880	272.000
00+200	25.00	3.638	5.261	8.899	9.191	229.763
00+225	25.00	3.912	4.680	8.592	8.746	218.638
00+250	25.00	3.936	4.382	8.318	8.455	211.375
00+275	25.00	3.807	4.945	8.752	8.535	213.375
00+300	25.00	4.313	4.485	8.798	8.775	219.375
00+325	25.00	4.818	4.069	8.887	8.843	221.063
00+350	25.00	4.944	4.270	9.214	9.051	226.263
00+375	25.00	4.887	4.713	9.600	9.407	235.175
00+400	25.00	4.797	4.871	9.668	9.634	240.850
00+425	25.00	5.465	4.650	10.115	9.892	247.288
00+450	25.00	5.774	4.626	10.400	10.258	256.438
00+475	25.00	5.299	4.585	9.884	10.142	253.550
00+500	25.00	5.234	4.387	9.621	9.753	243.813
00+525	25.00	5.504	4.755	10.259	9.940	248.500
00+550	25.00	4.337	4.585	8.922	9.591	239.763
00+575	25.00	5.451	3.921	9.372	9.147	228.675
00+600	25.00	3.520	4.544	8.064	8.718	217.950
00+625	25.00	4.314	3.086	7.400	7.732	193.300
00+650	25.00	5.458	3.810	9.268	8.334	208.350
00+675	25.00	5.459	4.289	9.748	9.508	237.700
00+700	25.00	5.455	5.487	10.942	10.345	258.625
00+725	25.00	5.412	5.308	10.720	10.831	270.775
00+750	25.00	5.308	5.037	10.345	10.533	263.313
00+775	25.00	5.158	4.767	9.925	10.135	253.375
00+800	25.00	4.507	4.948	9.455	9.690	242.250
00+825	25.00	4.713	4.833	9.546	9.501	237.513
00+850	25.00	4.586	4.978	9.564	9.555	238.875
00+875	25.00	5.131	4.741	9.872	9.718	242.950
00+900	25.00	4.604	5.018	9.622	9.747	243.675
00+925	25.00	4.459	5.321	9.780	9.701	242.525
00+950	25.00	5.355	4.873	10.228	10.004	250.100
00+975	25.00	5.160	4.862	10.022	10.125	253.125
01+000	25.00	5.667	5.002	10.669	10.346	258.638
01+025	25.00	5.601	5.702	11.303	10.986	274.650
01+050	25.00	5.618	5.257	10.875	11.089	277.225
01+075	25.00	5.313	4.872	10.185	10.530	263.250
01+100	25.00	4.850	4.791	9.641	9.913	247.825
01+125	25.00	4.724	5.503	10.227	9.934	248.350
01+150	25.00	4.641	6.440	11.081	10.654	266.350
01+175	25.00	4.500	4.668	9.168	10.125	253.113
01+200	25.00	4.970	4.478	9.448	9.308	232.700
01+225	25.00	4.392	4.083	8.475	8.962	224.038
01+250	25.00	4.164	3.450	7.614	8.045	201.113
01+275	25.00	3.911	4.461	8.372	7.993	199.825
01+300	25.00	4.849	4.856	9.705	9.039	225.963
01+325	25.00	4.275	4.709	8.984	9.345	233.613
01+350	25.00	4.088	4.507	8.595	8.790	219.738
						13763.763

GWADAR LASBELA LIVELIHOODS SUPPORT PROJECT PHASE-II (GLLSP-II)							
CONSTRUCTION OF ROAD FROM MA							
Chainage	Length(m)	Cut Area(Sq.m)	Avrage of cut Area(Sq.m)	Cut Volume(Cu.m)	Fill Area(Sq.m)	Avarge of fill Area(Sq.m)	Fill Volume(Cu.m)
00+000	0.00	0.000	0.000	0.000	1.070	0.000	0.000
00+025	25.00	0.000	0.000	0.000	22.980	12.025	300.625
00+050	25.00	0.000	0.000	0.000	26.760	24.870	621.750
00+075	25.00	0.000	0.000	0.000	27.180	26.970	674.250
00+100	25.00	0.000	0.000	0.000	18.640	22.910	572.750
00+125	25.00	0.000	0.000	0.000	13.210	15.925	398.125
00+150	25.00	0.000	0.000	0.000	10.780	11.995	299.875
00+175	25.00	0.000	0.000	0.000	6.520	8.650	216.250
00+200	25.00	0.000	0.000	0.000	3.920	5.220	130.500
00+225	25.00	0.000	0.000	0.000	3.200	3.560	89.000
00+250	25.00	0.000	0.000	0.000	4.110	3.655	91.375
00+275	25.00	0.000	0.000	0.000	3.700	3.905	97.625
00+300	25.00	0.000	0.000	0.000	3.580	3.640	91.000
00+325	25.00	0.000	0.000	0.000	2.750	3.165	79.125
00+350	25.00	0.000	0.000	0.000	3.300	3.025	75.625
00+375	25.00	0.000	0.000	0.000	5.000	4.150	103.750
00+400	25.00	0.000	0.000	0.000	4.980	4.990	124.750
00+425	25.00	0.000	0.000	0.000	5.640	5.310	132.750
00+450	25.00	0.000	0.000	0.000	5.980	5.810	145.250
00+475	25.00	0.000	0.000	0.000	4.840	5.410	135.250
00+500	25.00	0.000	0.000	0.000	4.670	4.755	118.875
00+525	25.00	0.000	0.000	0.000	4.550	4.610	115.250
00+550	25.00	0.000	0.000	0.000	5.400	4.975	124.375
00+575	25.00	0.000	0.000	0.000	5.040	5.220	130.500
00+600	25.00	0.000	0.000	0.000	1.490	3.265	81.625
00+625	25.00	0.000	0.000	0.000	2.160	1.825	45.625
00+650	25.00	0.000	0.000	0.000	5.830	3.995	99.875
00+675	25.00	0.000	0.000	0.000	6.570	6.200	155.000
00+700	25.00	0.000	0.000	0.000	7.690	7.130	178.250
00+725	25.00	0.000	0.000	0.000	7.550	7.620	190.500
00+750	25.00	0.000	0.000	0.000	6.580	7.065	176.625
00+775	25.00	0.000	0.000	0.000	6.040	6.310	157.750
00+800	25.00	0.000	0.000	0.000	5.710	5.875	146.875
00+825	25.00	0.000	0.000	0.000	6.310	6.010	150.250
00+850	25.00	0.000	0.000	0.000	6.210	6.260	156.500
00+875	25.00	0.000	0.000	0.000	6.440	6.325	158.125
00+900	25.00	0.000	0.000	0.000	6.460	6.450	161.250
00+925	25.00	0.000	0.000	0.000	6.620	6.540	163.500
00+950	25.00	0.000	0.000	0.000	5.370	5.995	149.875
00+975	25.00	0.000	0.000	0.000	5.920	5.645	141.125
01+000	25.00	0.000	0.000	0.000	8.740	7.330	183.250
01+025	25.00	0.000	0.000	0.000	10.910	9.825	245.625
01+050	25.00	0.000	0.000	0.000	9.320	10.115	252.875
01+075	25.00	0.000	0.000	0.000	8.290	8.805	220.125
01+100	25.00	0.000	0.000	0.000	6.520	7.405	185.125
01+125	25.00	0.000	0.000	0.000	7.090	6.805	170.125
01+150	25.00	0.000	0.000	0.000	9.920	8.505	212.625
01+175	25.00	0.000	0.000	0.000	5.280	7.600	190.000
01+200	25.00	0.000	0.000	0.000	6.800	6.040	151.000
01+225	25.00	0.000	0.000	0.000	3.670	5.235	130.875
01+250	25.00	0.000	0.000	0.000	3.030	3.350	83.750
01+275	25.00	0.000	0.000	0.000	2.980	3.005	75.125
01+300	25.00	0.000	0.000	0.000	7.280	5.130	128.250
01+325	25.00	0.000	0.000	0.000	6.050	6.665	166.625
01+350	25.00	0.000	0.000	0.000	5.060	5.555	138.875
Length(m)	**1350.00**		**Cut Volume(Cu.m)**	**0.000**		**Fill Volume(Cu.m)**	**9715.625**

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

CONSTRUCTION OF ROAD FROM MAIN M8 GAWADAR MOTORWAY TO SHAM NALAINT GAWADAR

BILL#2

SUB BASE & BASE

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

CONSTRUCTION OF ROAD FROM MAIN M8 GAWADAR MOTORWAY TO SHAM NALAINT 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		852.77	
	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		852.77	
	(S.i.No 1K) 11 to 110th Km	Cum		852.77	
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		1,160.95	
	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		1160.95	
	(S.i.No 1K) 11 to 110th Km	Cum		1160.95	
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 M8 GAWADAR MOTORWAY TO SHAM NALAINT GAWADAR

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+350	1350	4.2112	0.15	852.77	Main Road
								Total	**852.77**	

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

CONSTRUCTION OF ROAD FROM MAIN M8 GAWADAR MOTORWAY TO SHAM NALAINT GAWADAR

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+350	1350	3.905	0.15	790.78	Main Road
2	Aggregate Base	Cum	2	00+000	01+350	1350	0.914	0.15	370.17	Shoulders
								Total	**1160.95**	

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

CONSTRUCTION OF ROAD FROM MAIN M8 GAWADAR MOTORWAY TO SHAM NALAINT GAWADAR

BILL#3

SURFACING

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

CONSTRUCTION OF ROAD FROM MAIN M8 GAWADAR MOTORWAY TO SHAM NALAINT 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		5065.26	
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		4996.38	
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		2467.80	
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 M8 GAWADAR MOTORWAY TO SHAM NALAINT GAWADAR

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+350	1350	3.752	5065	Main Road
							G.Total	**5065.26**	

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

CONSTRUCTION OF ROAD FROM MAIN M8 GAWADAR MOTORWAY TO SHAM NALAINT GAWADAR

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+350	1350	3.701	4996	Main Road
							G.Total	**4996.38**	

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

CONSTRUCTION OF ROAD FROM MAIN M8 GAWADAR MOTORWAY TO SHAM NALAINT GAWADAR

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+350	1350	0.914	2468	Shoulder Both Side
							G.Total	**2467.80**	

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

CONSTRUCTION OF ROAD FROM MAIN M8 GAWADAR MOTORWAY TO SHAM NALAINT GAWADAR

BILL#5

ANCILLARY WORKS

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

CONSTRUCTION OF ROAD FROM MAIN M8 GAWADAR MOTORWAY TO SHAM NALAINT 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 superfacial area of 1.125 sq.m including cost of post etc.**(S.I.# 21-84-1)**	Each		1.0	
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		2700.0	
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		345.0	
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	
	TOTAL Amount (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 M8 GAWADAR MOTORWAY TO SHAM NALAINT 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	01+350	1350	2700.0	Both sides full length Main Road
						Total	**2700.0**	

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

CONSTRUCTION OF ROAD FROM MAIN M8 GAWADAR MOTORWAY TO SHAM NALAINT 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.(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 M8 GAWADAR MOTORWAY TO SHAM NALAINT 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	01+350	1350	338	In 2 Rows having 8m interval Main Road
4	Crossing	Each	2			7.32	7.0	In 2 Rows having 3m interval
						Total	**345**	

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

CONSTRUCTION OF ROAD FROM MAIN M8 GAWADAR MOTORWAY TO SHAM NALAINT GAWADAR

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+350	1350	1	2	1 Km interval Both Side
					Total		**2**	

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

CONSTRUCTION OF ROAD FROM MAIN M8 GAWADAR MOTORWAY TO SHAM NALAINT GAWADAR

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+350	1350	1	1	1 Km interval
Total							**1**	

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

CONSTRUCTION OF ROAD FROM MAIN M8 GAWADAR MOTORWAY TO SHAM NALAINT GAWADAR

STRUCTURES WORKS

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

CONSTRUCTION OF ROAD FROM MAIN M8 GAWADAR MOTORWAY TO SHAM NALAINT GAWADAR

STRUCTURE WORKS

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

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

CONSTRUCTION OF ROAD FROM MAIN M8 GAWADAR MOTORWAY TO SHAM NALAINT GAWADAR

DETAIL OF BOX CULVERTS

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

CONSTRUCTION OF ROAD FROM MAIN M8 GAWADAR MOTORWAY TO SHAM NALAINT GAWADAR

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

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

CONSTRUCTION OF ROAD FROM MAIN M8 GAWADAR MOTORWAY TO SHAM NALAINT GAWADAR

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

F QUA	DESCRIPTION	No	Length	Width	Depth/H	QTY	Rate (Rs.)	AMOUNT (Rs)
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)							
					Kgs	Tons		
	Culvert+Wing walls	1	26.124		2442.594	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**		
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**		

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

CONSTRUCTION OF ROAD FROM MAIN M8 GAWADAR MOTORWAY TO SHAM NALAINT GAWADAR

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

F QUA	DESCRIPTION	No	Length	Width	Depth/H	QTY	Rate (Rs.)	AMOUNT (Rs)
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	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		Area					
	D/S of Culvert Appron	1	6.773		0.300	2.032		
	(S.I.No. 19-31 b)			Per Cu.m	**Total**	**2.032**		
9	Mortor Rip Rap							
	SP-02		Area					
	D/S of Culvert Appron	1	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 M8 GAWADAR MOTORWAY TO SHAM NALAINT GAWADAR

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

F 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	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)				Kgs	Tons		
	Culvert+Wing walls	1	73.825		6902.638	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**		

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

CONSTRUCTION OF ROAD FROM MAIN M8 GAWADAR MOTORWAY TO SHAM NALAINT GAWADAR

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

F 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	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		
	1 Meter Wing Wall	2	0.948	0.250	1.250	0.296		
	(S.I.No. 5- 26b+e)			Per Cu.m	**Total**	**16.932**		
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		Area					
	D/S of Culvert Appron	1	29.768		0.300	8.930		
	(S.I.No. 19-31 b)			Per Cu.m	**Total**	**8.930**		
9	Mortor Rip Rap							
	SP-02		Area					
	D/S of Culvert Appron	1	29.768			29.768		
	(S.I.No. 19-34a)			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 M8 GAWADAR MOTORWAY TO SHAM NALAINT GAWADAR

Link Road

PIPE CULVERTS

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

CONSTRUCTION OF ROAD FROM MAIN M8 GAWADAR MOTORWAY TO SHAM NALAINT GAWADAR
PIPE CULVERT

STRUCTURE WORK

S.NO	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT PK RS.
A.	**STRUCTURE WORK** **PIPE CULVERT**				
1	Pipe Culvert Single Cell	No.	5		
		Total No.	**5**		
TOTAL					

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

CONSTRUCTION OF ROAD FROM MAIN M8 GAWADAR MOTORWAY TO SHAM NALAINT 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		
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		

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

CONSTRUCTION OF ROAD FROM MAIN M8 GAWADAR MOTORWAY TO SHAM NALAINT GAWADAR

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		
5	Providing RCC pipe with bell and spigot or tongued and grooved joint confirming 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	8.000			8.000	RM		
						8.000	R.M		
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 M8 GAWADAR MOTORWAY TO SHAM NALAINT GAWADAR

DETAIL OF RETAINING WALL

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

CONSTRUCTION OF ROAD FROM MAIN M8 GAWADAR MOTORWAY TO SHAM NALAINT 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 M8 GAWADAR MOTORWAY TO SHAM NALAINT 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)**	12.95		
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)**	1.30		
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)**	4.27		
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)**	0.825		
			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 M8 GAWADAR MOTORWAY TO SHAM NALAINT GAWADAR

Detail Quantities

1-Structural Excavation

S No.	RD		No.	Length		Depth	Quantity (CM)
	From	To					
1			1	3.0	2.590	1.000	7.770
2			1	2.0	2.590	1.000	5.180
				5.0			
Total Quantity							**12.95**

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

CONSTRUCTION OF ROAD FROM MAIN M8 GAWADAR MOTORWAY TO SHAM NALAINT GAWADAR

Detail Quantities

2-Lean Concrete

S No.	RD		No.	Length		Depth	Quantity (CM)
	From	To					
1			1	3.00	2.590	0.10	0.78
2			1	2.00	2.590	0.10	0.52
Total Quantity							**1.30**

GWADAR LASBELA LIVELIHOODS SUPPORT PROJECT PHASE-II (GLLSP-II)
CONSTRUCTION OF ROAD FROM MAIN M8 GAWADAR MOTORWAY TO SHAM NALAINT GAWADAR

Detail Quantities

Bed and Walls Concrete

S No.	From	To	No.	Length		Depth	Quantity (CM)
R/Wall (Bed Under Ground)							
1			1	3.0	2.440	0.350	2.562
2			1	2.0	2.440	0.350	1.708
Total Quantity							**4.270**
R/Wall (Wall On Ground)							
1			1	3.0	0.300	2.650	2.385
2			1	2.0	0.300	2.650	1.590
Total Quantity							**3.975**

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

CONSTRUCTION OF ROAD FROM MAIN M8 GAWADAR MOTORWAY TO SHAM NALAINT GAWADAR

Detail Quantities of Steel

S No.	RD		No.	Concrete (CM)	Steel (Kgs)
	From	To			
1			1	4.947	494.70
2			1	3.298	329.80
Total Quantity (Kgs)					**824.50**
Total Quantity (Tonnes)					**0.82**

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

CONSTRUCTION OF ROAD FROM MAIN M8 GAWADAR MOTORWAY TO SHAM NALAINT GAWADAR

PCC Retaining Wall/ Brast Wall					Remarks
No.	**Description**	**Unit**	**Length**	**Amount (Pak Rs.)**	
1	PCC Retaining Wall / Brast Wall	Rm	11.00		
TOTAL					

GWADAR LASBELA LIVELIHOODS SUPPORT PROJECT PHASE-II (GLLSP-II)
CONSTRUCTION OF ROAD FROM MAIN M8 GAWADAR MOTORWAY TO SHAM NALAINT GAWADAR

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		11.00	1.20	1.40	18.48	
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		11.00	1.20	0.10	1.32	
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		11.00	1.00	0.30	3.30	
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		11.00	0.45	2.00	9.90	
			Total Rs.					
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 M8 GAWADAR MOTORWAY TO SHAM NALAINT 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			275	1	5	2.00	3.606	
2			100	1	6	2.00	3.606	

LENGTH (M) 11

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

CONSTRUCTION OF ROAD FROM MAIN M8 GAWADAR MOTORWAY TO SHAM NALAINT GAWADAR

PARAPET WALLS

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

CONSTRUCTION OF ROAD FROM MAIN M8 GAWADAR MOTORWAY TO SHAM NALAINT GAWADAR

S.NO	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT PK RS.
1	**PCC PARAPET WALL** PCC Parapet Wall	No.	7		
	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 M8 GAWADAR MOTORWAY TO SHAM NALAINT GAWADAR

SCHEDULE OF PARAPET WAL

S.NO	CHAINAGE FROM	TO	LENGTH (M)	SIDE	TOTAL LENGTH (M)	PARAPET WAL No,s
1			5	1	5	3
2			3	1	3	2
3			2	1	2	2
						7

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

CONSTRUCTION OF ROAD FROM MAIN M8 GAWADAR MOTORWAY TO SHAM NALAINT GAWADAR

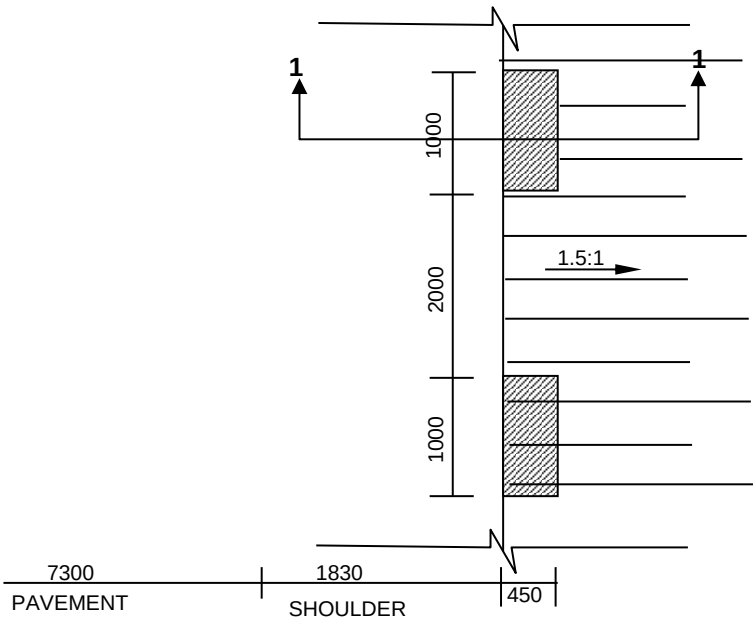
BILL OF QUANTITIES

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

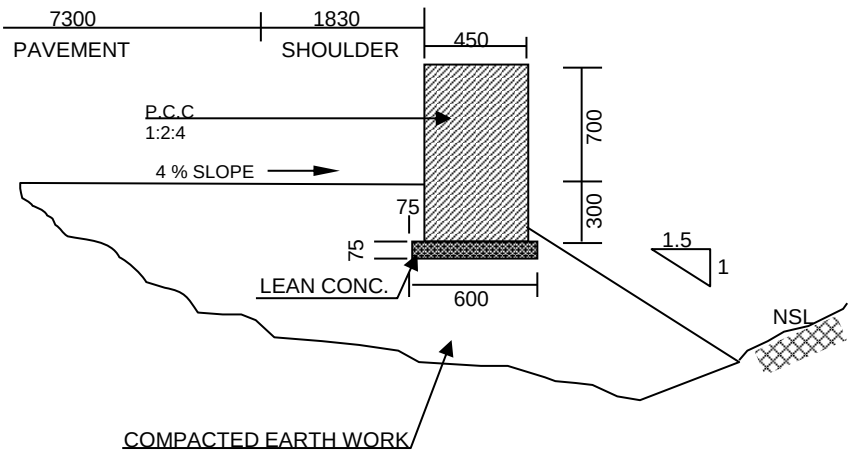
S.No	DESCRIPTION	NO	L	B	D/H	QUANTITY	UNIT	RATE (Pak Rs)	AMOUNT (Pak Rs)
1	Excavation in foundation of buildings and bridges including layout, dressing, refilling around structures with excavated earth, watering & ramming lead upto 100 ft. (30m) & lift upto 5 ft. (1.5m) **(S.I. NO.3-21iv)**	1	1.000	0.600	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 for 01 Parapet Wall (1.00 x 0.45 x 1.00)	
								Sub.Total Rs.	
								Above/ below _____% Premium if any on CSR-2023	
								G.Total	

Government of Balochistan

CONSTRUCTION OF ROAD FROM MAIN M8 GAWADAR MOTORWAY TO SHAM NALAINT GAWADAR



PLAN
OF PARAPET WALL



SECTION 1-1
OF PARAPET WALL