

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

CONSTRUCTION OF B/T ROAD FROM ESSA GOTH TO LATEEF BANDIJA GOTH BELA

DETAIL ESTIMATE

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

CONSTRUCTION OF B/T ROAD FROM ESSA GOTH TO LATEEF BANDIJA GOTH BELA

GENERAL ABSTRACT OF COST

S.NO	Description	Total PC-1 AMOUNT (Pak Rs.)
A	ROAD WORKS	
1	EARTH WORK	
2	SUB BASE AND BASE COURSE	
3	SURFACE COURSE AND PAVEMENT	
B	STRUCTURES WORKS	
1	RCC Box Culverts	
2	RCC Pipe Culverts	
4	RCC wall	
5	PCC Wall	
7	PCC Parapet Walls	
C	ANCILLARY WORKS	
	SUB TOTAL (A+B+C)	
D	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 ESSA GOTH TO LATEEF BANDIJA GOTH
BELA**

**DETAIL OF
BILL#1
EARTH WORK**

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

CONSTRUCTION OF B/T ROAD FROM ESSA GOTH TO LATEEF BANDIJA GOTH BELA

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		20747.15	
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		20747.15	
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		21170.50	
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		21170.50	
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 ESSA GOTH TO LATEEF BANDIJA GOTH BELA

CG & NGC

Chainage	Length(m)	Left	Right	Total Width	Average Width	Area
00+000	0.00	4.241	3.583	7.824	0.000	0.000
00+025	25.00	5.379	6.581	11.960	9.892	247.300
00+050	25.00	4.295	5.026	9.321	10.641	266.013
00+075	25.00	5.149	5.332	10.481	9.901	247.525
00+100	25.00	5.542	5.958	11.500	10.991	274.763
00+125	25.00	4.982	5.290	10.272	10.886	272.150
00+150	25.00	5.586	5.296	10.882	10.577	264.425
00+175	25.00	6.775	6.947	13.722	12.302	307.550
00+200	25.00	6.672	5.996	12.668	13.195	329.875
00+225	25.00	7.211	7.057	14.268	13.468	336.700
00+250	25.00	7.848	7.626	15.474	14.871	371.775
00+275	25.00	3.074	4.268	7.342	11.408	285.200
00+300	25.00	3.653	3.644	7.297	7.320	182.988
00+325	25.00	3.946	5.323	9.269	8.283	207.075
00+350	25.00	5.011	7.880	12.891	11.080	277.000
00+375	25.00	4.660	8.185	12.845	12.868	321.700
00+400	25.00	4.538	8.486	13.024	12.935	323.363
00+425	25.00	4.878	8.629	13.507	13.266	331.638
00+450	25.00	5.833	8.271	14.104	13.806	345.138
00+475	25.00	4.417	7.916	12.333	13.219	330.463
00+500	25.00	5.784	7.893	13.677	13.005	325.125
00+525	25.00	5.918	7.896	13.814	13.746	343.638
00+550	25.00	4.735	5.568	10.303	12.059	301.463
00+575	25.00	6.647	7.950	14.597	12.450	311.250
00+600	25.00	6.050	7.067	13.117	13.857	346.425
00+625	25.00	6.300	7.035	13.335	13.226	330.650
00+650	25.00	5.133	9.579	14.712	14.024	350.588
00+675	25.00	3.506	7.085	10.591	12.652	316.288
00+700	25.00	3.215	5.456	8.671	9.631	240.775
00+725	25.00	4.034	7.148	11.182	9.927	248.163
00+750	25.00	4.514	9.504	14.018	12.600	315.000
00+775	25.00	5.608	11.172	16.780	15.399	384.975
00+800	25.00	6.465	11.333	17.798	17.289	432.225
00+825	25.00	6.094	7.294	13.388	15.593	389.825
00+850	25.00	5.592	7.590	13.182	13.285	332.125
00+875	25.00	5.049	7.432	12.481	12.832	320.788
00+900	25.00	4.881	6.534	11.415	11.948	298.700
00+925	25.00	3.268	4.389	7.657	9.536	238.400
00+950	25.00	3.629	8.992	12.621	10.139	253.475
00+975	25.00	3.932	11.144	15.076	13.849	346.213
01+000	25.00	3.961	11.030	14.991	15.034	375.838
01+025	25.00	4.632	8.332	12.964	13.978	349.438
01+050	25.00	4.699	9.005	13.704	13.334	333.350
01+075	25.00	5.038	4.247	9.285	11.495	287.363
01+100	25.00	5.153	6.138	11.291	10.288	257.200
01+125	25.00	5.582	6.378	11.960	11.626	290.638
01+150	25.00	6.056	6.393	12.449	12.205	305.113
01+175	25.00	6.431	6.934	13.365	12.907	322.675
01+200	25.00	6.952	7.500	14.452	13.909	347.713
01+225	25.00	5.428	7.570	12.998	13.725	343.125

GWADAR LASBELA LIVELIHOODS SUPPORT PROJECT PHASE-II (GLLSP-II)
CONSTRUCTION OF B/T ROAD FROM ESSA GOTH TO LATEEF BANDIJA GOTH BELA

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	1.510	0.000	0.000
00+025	25.00	0.000	0.000	0.000	9.100	5.305	132.625
00+050	25.00	0.000	0.000	0.000	5.510	7.305	182.625
00+075	25.00	0.000	0.000	0.000	9.630	7.570	189.250
00+100	25.00	0.000	0.000	0.000	8.140	8.885	222.125
00+125	25.00	0.000	0.000	0.000	8.500	8.320	208.000
00+150	25.00	0.000	0.000	0.000	9.520	9.010	225.250
00+175	25.00	0.000	0.000	0.000	18.220	13.870	346.750
00+200	25.00	0.000	0.000	0.000	15.830	17.025	425.625
00+225	25.00	0.000	0.000	0.000	17.890	16.860	421.500
00+250	25.00	0.000	0.000	0.000	24.770	21.330	533.250
00+275	25.00	0.000	0.000	0.000	1.850	13.310	332.750
00+300	25.00	0.000	0.000	0.000	1.450	1.650	41.250
00+325	25.00	0.000	0.000	0.000	3.420	2.435	60.875
00+350	25.00	0.000	0.000	0.000	10.390	6.905	172.625
00+375	25.00	0.000	0.000	0.000	14.730	12.560	314.000
00+400	25.00	0.000	0.000	0.000	12.920	13.825	345.625
00+425	25.00	0.000	0.000	0.000	9.850	11.385	284.625
00+450	25.00	0.000	0.000	0.000	9.740	9.795	244.875
00+475	25.00	0.000	0.000	0.000	8.020	8.880	222.000
00+500	25.00	0.000	0.000	0.000	13.410	10.715	267.875
00+525	25.00	0.000	0.000	0.000	18.460	15.935	398.375
00+550	25.00	0.000	0.000	0.000	9.450	13.955	348.875
00+575	25.00	0.000	0.000	0.000	20.260	14.855	371.375
00+600	25.00	0.000	0.000	0.000	16.320	18.290	457.250
00+625	25.00	0.000	0.000	0.000	17.500	16.910	422.750
00+650	25.00	0.000	0.000	0.000	30.250	23.875	596.875
00+675	25.00	0.000	0.000	0.000	8.050	19.150	478.750
00+700	25.00	0.000	0.000	0.000	6.310	7.180	179.500
00+725	25.00	0.000	0.000	0.000	8.560	7.435	185.875
00+750	25.00	0.000	0.000	0.000	10.540	9.550	238.750
00+775	25.00	0.000	0.000	0.000	19.200	14.870	371.750
00+800	25.00	0.000	0.000	0.000	23.820	21.510	537.750
00+825	25.00	0.000	0.000	0.000	13.850	18.835	470.875
00+850	25.00	0.000	0.000	0.000	12.330	13.090	327.250
00+875	25.00	0.000	0.000	0.000	11.400	11.865	296.625
00+900	25.00	0.000	0.000	0.000	8.660	10.030	250.750
00+925	25.00	0.000	0.000	0.000	1.090	4.875	121.875
00+950	25.00	0.000	0.000	0.000	5.270	3.180	79.500
00+975	25.00	0.000	0.000	0.000	8.610	6.940	173.500
01+000	25.00	0.000	0.000	0.000	7.370	7.990	199.750
01+025	25.00	0.000	0.000	0.000	12.100	9.735	243.375
01+050	25.00	0.000	0.000	0.000	6.830	9.465	236.625
01+075	25.00	0.000	0.000	0.000	4.240	5.535	138.375
01+100	25.00	0.000	0.000	0.000	7.630	5.935	148.375
01+125	25.00	0.000	0.000	0.000	10.260	8.945	223.625
01+150	25.00	0.000	0.000	0.000	14.620	12.440	311.000
01+175	25.00	0.000	0.000	0.000	16.090	15.355	383.875
01+200	25.00	0.000	0.000	0.000	20.440	18.265	456.625
01+225	25.00	0.000	0.000	0.000	17.950	19.195	479.875
01+250	25.00	0.000	0.000	0.000	9.380	13.665	341.625
01+275	25.00	0.000	0.000	0.000	15.000	12.190	304.750
01+300	25.00	0.000	0.000	0.000	11.660	13.330	333.250
01+325	25.00	0.000	0.000	0.000	16.190	13.925	348.125
01+350	25.00	0.000	0.000	0.000	22.520	19.355	483.875
01+375	25.00	0.000	0.000	0.000	22.320	22.420	560.500
01+400	25.00	0.000	0.000	0.000	12.760	17.540	438.500
01+425	25.00	0.000	0.000	0.000	16.650	14.705	367.625
01+450	25.00	0.000	0.000	0.000	17.230	16.940	423.500
01+475	25.00	0.000	0.000	0.000	21.410	19.320	483.000
01+500	25.00	0.000	0.000	0.000	22.160	21.785	544.625
01+525	25.00	0.000	0.000	0.000	22.160	22.160	554.000
01+550	25.00	0.000	0.000	0.000	20.310	21.235	530.875
01+575	25.00	0.000	0.000	0.000	17.040	18.675	466.875
01+600	25.00	0.000	0.000	0.000	12.900	14.970	374.250
01+625	25.00	0.000	0.000	0.000	12.050	12.475	311.875
Length(m)	1625.00		Cut Volume(Cu.m)	0.000		Fill Volume(Cu.m)	21170.500

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

CONSTRUCTION OF B/T ROAD FROM ESSA GOTH TO LATEEF BANDIJA GOTH BELA

BILL#2

SUB BASE & BASE

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

CONSTRUCTION OF B/T ROAD FROM ESSA GOTH TO LATEEF BANDIJA GOTH BELA

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		1,026.49	
	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		1026.49	
	(S.i.No 1K) 11 to 22nd Km	Cum		1026.49	
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		1,397.44	
	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		1397.44	
	(S.i.No 1K) 11 to 22nd Km	Cum		1397.44	
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 ESSA GOTH TO LATEEF BANDIJA GOTH BELA

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+625	1625	4.2112	0.15	1026.49	Main Road
Total									1026.49	

GWADAR LASBELA LIVELIHOODS SUPPORT PROJECT PHASE-II (GLLSP-II)
CONSTRUCTION OF B/T ROAD FROM ESSA GOTH TO LATEEF BANDIJA GOTH BELA

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+625	1625	3.905	0.15	951.87	Main Road
2	Aggregate Base	Cum	2	00+000	01+625	1625	0.914	0.15	445.58	Shoulders
Total									1397.44	

GWADAR LASBELA LIVELIHOODS SUPPORT PROJECT PHASE-II (GLLSP-II)
CONSTRUCTION OF B/T ROAD FROM ESSA GOTH TO LATEEF
BANDIJA GOTH BELA

BILL#3

SURFACING

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

CONSTRUCTION OF B/T ROAD FROM ESSA GOTH TO LATEEF BANDIJA GOTH BELA

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		6097.07	
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		6014.16	
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		2970.50	
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 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+625	1625	3.752	6097	Main Road
G.Total								6097.07	

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

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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+625	1625	3.701	6014	Main Road
G.Total								6014.16	

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+625	1625	0.914	2971	Shoulder Both Side
G.Total								2970.50	

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

CONSTRUCTION OF B/T ROAD FROM ESSA GOTH TO LATEEF BANDIJA GOTH BELA

BILL#5
ANCILLARY
WORKS

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

CONSTRUCTION OF B/T ROAD FROM ESSA GOTH TO LATEEF BANDIJA GOTH BELA

BILL OF QUANTITIES

BILL NO. 5: ANCILLARY WORKS

S.No	Description of items	Unit	Rate	Quantity	Amount
1	Providing and fixing road sign boards such as caution etc as approved by the Engineer with reflective paints, having superficial area of 1.125 sq.m including cost of post etc.(S.I.# 21-84-1)	Each		4.0	
2	P/L Road Marking With Recflective TP Thermoplastic) paint for lines of 12.50 cm width. (YELLOW) (S.I.# 17-50-1)	R M		3250.0	
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		413.0	
7	Providing and fixing 6" x 6" x 30" (150mm x 150mm x 750mm) precast 1:2:4 cement concrete boundary pillars using graded crushed aggregate embedded in cement concrete 1:4:8 including formwork and its removal, compacting and curing including cost of excavation. (including royalty of Quarry). (S.I.# 21-53-1)	Each		4.0	
8	Providing and fixing 9" x 4" x 30" (230mm x 100mm x 750mm) precast 1:2:4 cement concrete kilometer stone using graded screened bajri, embedded in cement concrete 1:4:8, formwork and its removal, compacting and curing including the cost of excavation, cement cost 1:4:8 backfilling of excavated stuff, cement plaster with 1:3 cement engraving and writing letters of approved size, painting two coats as desired. (S.I.# 21-55-1)	Each		2.0	
	SUB.TOTAL				
	Above/ below ___% Premium if any on CSR 2023				
	G.TOTAL				

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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+625	1625	3250.0	Both sides full length Main Road
						Total	3250.0	

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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 ESSA GOTH TO LATEEF BANDIJA GOTH BELA

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+625	1625	406	In 2 Rows having 8m interval Main Road
4	Crossing	Each	2			7.32	7.0	In 2 Rows having 3m interval
						Total	413	

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

CONSTRUCTION OF B/T ROAD FROM ESSA GOTH TO LATEEF BANDIJA GOTH BELA

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+625	1625	2	4	1 Km interval Both Side
Total							4	

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

CONSTRUCTION OF B/T ROAD FROM ESSA GOTH TO LATEEF BANDIJA GOTH BELA

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+625	1625	2	2	1 Km interval
Total							2	

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

CONSTRUCTION OF B/T ROAD FROM ESSA GOTH TO LATEEF BANDIJA GOTH BELA

STRUCTURES WORKS

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

CONSTRUCTION OF B/T ROAD FROM ESSA GOTH TO LATEEF BANDIJA GOTH BELA

STRUCTURE WORKS

S.NO	DESCRIPTION	Unit	Qty.	AMOUNT PK RS.
1	RCC Box Culverts	No	4	
2	RCC Pipe Culverts	No	5	
4	RCC wall	RM	19	
5	PCC Wall	RM	26	
7	PCC Parapet Walls	No	15	
TOTAL				

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

CONSTRUCTION OF B/T ROAD FROM ESSA GOTH TO LATEEF BANDIJA GOTH BELA

DETAIL OF BOX CULVERTS

GWADAR LASBELA LIVELIHOODS SUPPORT PROJECT PHASE-II (GLLSP-II)
CONSTRUCTION OF B/T ROAD FROM ESSA GOTH TO LATEEF BANDIJA GOTH BELA

S.NO	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT PK RS.
A.	STRUCTURE WORK BOX CULVERT				
1	RCC Box Culvert (1 x 2 x 1.5 M)	No.	2		
2	RCC Box Culvert (1 x 3 x 1.5 M)	No.	1		
3	RCC Box Culvert (2 x 3 x 1.5 M)	No.	1		
TOTAL			4		

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

CONSTRUCTION OF B/T ROAD FROM ESSA GOTH TO LATEEF BANDIJA GOTH BELA

DETAIL ESTIMATE OF RCC BOX CULVERT (Cell No.= 1 Span = 2 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	3.600	1.000	32.400		
		Toe Wall	2	3.600	0.500	0.750	2.700		
		Wing Wall Bed	2	15.765		1.000	31.530		
		Wing Wall Bed	2	15.765		1.000	31.530		
		Cut of Wall	1	8.600	0.300	1.000	2.580		
		(S.I. NO.3-21b iv)				Per Cu.m	Total	100.740	
		2	Providing and laying cement concrete using approved coarse sand and crushed aggregate 3/4" (19mm) & downgauge in foundation including leveling, compacting and curing. (1:4:8).	Culvert bed	1	7.400	2.800	0.100	2.072
Toe Wall	2			2.800	0.400	0.100	0.224		
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	5.899		
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	41.270		Kgs 3858.745	Tons 3.859		
		(S.I.No. 5- 65a)				Per tonne	Total	4.052	
4	Providing and laying in position ready mixed	Culvert Base slab	1	8.000	2.600	0.350	7.280		
		Toe wall	2	2.600	0.650	0.300	1.014		
		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	8.600	0.300	1.000	2.580		
		(S.I.No. 5- 26b+d)				Per Cu.m	Total	20.082	

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

CONSTRUCTION OF B/T ROAD FROM ESSA GOTH TO LATEEF BANDIJA GOTH BELA

DETAIL ESTIMATE OF RCC BOX CULVERT (Cell No.= 1 Span = 2 Height = 1.5) 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	8.000	0.300	1.500	7.200		
	Internal Walls	0	8.000	0.300	1.500	0.000		
	Fillet	4	8.000	0.150	0.150	0.360		
	Main Wing Wall	2	4.702	0.250	2.050	2.410		
	1 Meter Wing Wall	2	0.948	0.250	1.250	0.296		
	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	12.972		
6	Providing and laying in position ready mixed concrete for reinforced cement concrete work							
	Top slab	1	8.000	2.600	0.350	7.280		
	(S.I.No. 5- 26a+m)			Per Cu.m	Total	7.280		
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 16.223 Per Cu.m	0.300	4.867		
					Total	4.867		
9	Mortor Rip Rap							
	SP-02 D/S of Culvert Apron (S.I.No. 19-34a)	1		Area 16.223 Per Sqm		16.223		
					Total	16.223		
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 ESSA GOTH TO LATEEF BANDIJA GOTH BELA

DETAIL ESTIMATE OF RCC BOX CULVERT (Cell No.= 1 Span = 3 Height = 1.5) m

QTY	DESCRIPTION	No	Length	Width	Depth/H	QTY	Rate (Rs.)	AMOUNT (Rs)
1	Excavation in foundation of buildings and bridges including layout, dressing, refilling around structures with excavated earth, watering & ramming lead upto 100 ft. (30m) & lift upto 5 ft. (1.5m) (Machinery)							
	Culvert bed	1	9.000	4.600	1.000	41.400		
	Toe Wall	2	4.600	0.500	0.750	3.450		
	Wing Wall Bed	2		15.765	1.000	31.530		
	Wing Wall Bed	2		15.765	1.000	31.530		
	Cut of Wall	1	9.600	0.300	1.000	2.880		
	(S.I. NO.3-21b iv)			Per Cu.m	Total	110.790		
2	Providing and laying cement concrete using approved coarse sand and crushed aggregate 3/4" (19mm) & downgauge in foundation including leveling, compacting and curing. (1:4:8).							
	Culvert bed	1	7.400	3.800	0.100	2.812		
	Toe Wall	2	3.800	0.400	0.100	0.304		
	Wing Wall	2		9.008	0.100	1.802		
	Wing Wall	2		9.008	0.100	1.802		
	(S.I.No.5-8e)			Per Cu.m	Total	6.719		
3	Providing, fabricating and laying deformed Grade 60 steel reinforcement (deformed bar) for all kinds of R.C.C work in foundation, plinth and ground floor including the cost of straightening, removal of rust, cutting, bending, binding, wastage and providing such over-laps as are not shown on the drawings. The cost of binding wire and cement concrete spacer blocks or chairs for binding and holding the reinforcement in position is inclusive upto 15 ft. (5m) height (Steel G-60)							
	Culvert+Wing walls	1	47.920		Kgs 4480.520	Tons 4.481		
	(S.I.No. 5- 65a)			Per tonne	Total	4.705		
4	Providing and laying in position ready mixed							
	Culvert Base slab	1	8.000	3.600	0.350	10.080		
	Toe wall	2	3.600	0.650	0.300	1.404		
	Wing Wall Bed	2		7.160	0.300	4.296		
	Wing Wall 1m Portion Bed	2		0.616	0.250	0.308		
	Wing Wall Bed	2		7.160	0.300	4.296		
	Wing Wall 1m Portion Bed	2		0.616	0.250	0.308		
	Apran Cut of Wall	1	9.600	0.300	1.000	2.880		
	(S.I.No. 5- 26b+d)			Per Cu.m	Total	23.572		

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

CONSTRUCTION OF B/T ROAD FROM ESSA GOTH TO LATEEF BANDIJA GOTH BELA

DETAIL ESTIMATE OF RCC BOX CULVERT (Cell No.= 1 Span = 3 Height = 1.5) m

Q. NO.	DESCRIPTION	No	Length	Width	Depth/H	QTY	Rate (Rs.)	AMOUNT (Rs)
5	Providing and laying in position ready mixed concrete for reinforced cement concrete work, using cement content as per approved design mix, manufactured in fully automatic batching plant and transported to site of work in transit mixer for all leads, having continuous agitated mixer, manufactured as per mix design of specified grade for reinforced cement concrete work including pumping of R.M.C. from transit mixer to site of laying , excluding the cost of centering, shuttering finishing and reinforcement including cost of admixtures in recommended proportions as per mix design to accelerate/retard setting of concrete, improve workability without impairing strength and durability as per direction of the Engineer - in - charge. (1:1-1/2:3).4000Psi							
	External Walls	2	8.000	0.300	1.500	7.200		
	Internal Walls	0	8.000	0.300	1.500	0.000		
	Fillet	4	8.000	0.150	0.150	0.360		
	Main Wing Wall	2	4.702	0.250	2.050	2.410		
	1 Meter Wing Wall	2	0.948	0.250	1.250	0.296		
	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	12.972		
6	Providing and laying in position ready mixed concrete for reinforced cement concrete work							
	Top slab	1	8.000	3.600	0.350	10.080		
	(S.I.No. 5- 26a+m)			Per Cu.m	Total	10.080		
7	Providing and laying in position ready mixed concrete for reinforced cement concrete work							
	Parapit walls	2	3.600	0.300	0.600	1.296		
	(S.I.No. 5- 26b+e)			Per Cu.m	Total	1.296		
8	Rip Rap Class-B							
	SP-01 D/S of Culvert Apron (S.I.No. 19-31 b)	1		Area 19.373 Per Cu.m	0.300	5.812		
					Total	5.812		
9	Mortor Rip Rap							
	SP-02 D/S of Culvert Apron (S.I.No. 19-34a)	1		Area 19.373 Per Sqm		19.373		
					Total	19.373		
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 ESSA GOTH TO LATEEF BANDIJA GOTH BELA

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

Q. NO.	DESCRIPTION	No	Length	Width	Depth/H	QTY	Rate (Rs.)	AMOUNT (Rs)	
1	Excavation in foundation of buildings and bridges including layout, dressing, refilling around structures with excavated earth, watering & ramming lead upto 100 ft. (30m) & lift upto 5 ft. (1.5m) (Machinery)	Culvert bed	1	9.000	7.900	1.000	71.100		
		Toe Wall	2	7.900	0.500	0.750	5.925		
		Wing Wall Bed	2	15.765		1.000	31.530		
		Wing Wall Bed	2	15.765		1.000	31.530		
		Cut of Wall	1	12.900	0.300	1.000	3.870		
		(S.I. NO.3-21b iv)				Per Cu.m	Total	143.955	
		2	Providing and laying cement concrete using approved coarse sand and crushed aggregate 3/4" (19mm) & downgauge in foundation including leveling, compacting and curing. (1:4:8).	Culvert bed	1	7.400	7.100	0.100	5.254
Toe Wall	2			7.100	0.400	0.100	0.568		
Wing Wall	2			9.008		0.100	1.802		
Wing Wall	2			9.008		0.100	1.802		
(S.I.No.5-8e)					Per Cu.m	Total	9.425		
3	Providing, fabricating and laying deformed Grade 60 steel reinforcement (deformed bar) for all kinds of R.C.C work in foundation, plinth and ground floor including the cost of straightening, removal of rust, cutting, bending, binding, wastage and providing such over-laps as are not shown on the drawings. The cost of binding wire and cement concrete spacer blocks or chairs for binding and holding the reinforcement in position is inclusive upto 15 ft. (5m) height (Steel G-60)			Culvert+Wing walls	1	73.825		Kgs 6902.638	Tons 6.903
		(S.I.No. 5- 65a)				Per tonne	Total	7.248	
4	Providing and laying in position ready mixed concrete	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 B/T ROAD FROM ESSA GOTH TO LATEEF BANDIJA GOTH BELA

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)	
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 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								
	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 ESSA GOTH TO LATEEF BANDIJA GOTH BELA

Link Road

PIPE CULVERTS

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

CONSTRUCTION OF B/T ROAD FROM ESSA GOTH TO LATEEF BANDIJA GOTH BELA

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.	5		
		Total No.	5		
TOTAL					

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

CONSTRUCTION OF B/T ROAD FROM ESSA GOTH TO LATEEF BANDIJA GOTH BELA

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		
		Total					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 B/T ROAD FROM ESSA GOTH TO LATEEF BANDIJA GOTH BELA

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 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	8.000			8.000	RM		
						8.000	R.M		
	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 ESSA GOTH TO LATEEF BANDIJA GOTH
BELA**

DETAIL OF RETAINING WALL

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

CONSTRUCTION OF B/T ROAD FROM ESSA GOTH TO LATEEF BANDIJA GOTH BELA

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 ESSA GOTH TO LATEEF BANDIJA GOTH BELA**

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)	49.21		
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)	7.51		
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)	16.23		
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)	15.11		
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)	3.133		
	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 ESSA GOTH TO LATEEF BANDIJA GOTH BELA

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	9.0	2.590	1.000	23.310
				19.0			
Total Quantity							49.21

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

CONSTRUCTION OF B/T ROAD FROM ESSA GOTH TO LATEEF BANDIJA GOTH BELA

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	19.00	2.590	0.10	4.92
Total Quantity							7.51

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

CONSTRUCTION OF B/T ROAD FROM ESSA GOTH TO LATEEF BANDIJA GOTH BELA

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	9.0	2.440	0.350	7.686
Total Quantity							16.226

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

CONSTRUCTION OF B/T ROAD FROM ESSA GOTH TO LATEEF BANDIJA GOTH BELA

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	9.0	0.300	2.650	7.155
Total Quantity							15.105

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

CONSTRUCTION OF B/T ROAD FROM ESSA GOTH TO LATEEF BANDIJA GOTH BELA

Detail Quantities of Steel

S No.	RD		No.	Concrete (CM)	Steel (Kgs)
	From	To			
1			1	16.490	1649.00
2			1	14.841	1484.10
Total Quantity (Kgs)					3133.10
Total Quantity (Tonnes)					3.13

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

CONSTRUCTION OF B/T ROAD FROM ESSA GOTH TO LATEEF BANDIJA GOTH BELA

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 ESSA GOTH TO LATEEF BANDIJA GOTH BELA

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	
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 ESSA GOTH TO LATEEF BANDIJA GOTH BELA

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			12	1	12	2.00	3.606	
2			14	1	14	2.00	3.606	

LENGTH (M) 26

GWADAR LASBELA LIVELIHOODS SUPPORT PROJECT PHASE-II (GLLSP-II)
CONSTRUCTION OF B/T ROAD FROM ESSA GOTH TO LATEEF BANDIJA GOTH BELA

PARAPET WALLS

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

CONSTRUCTION OF B/T ROAD FROM ESSA GOTH TO LATEEF BANDIJA GOTH BELA

S.NO	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT PK RS.
1	<u>PCC PARAPET WALL</u> PCC Parapet Wall	No.	15		
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 ESSA GOTH TO LATEEF BANDIJA GOTH
BELA**

SCHEDULE OF PARAPET WAL

S.NO	CHAINAGE FROM TO		LENGTH (M)	SIDE	TOTAL LENGTH (M)	PARAPET WAL No,s
1			10	1	10	4
2			11	1	11	5
3			15	1	15	6
						15

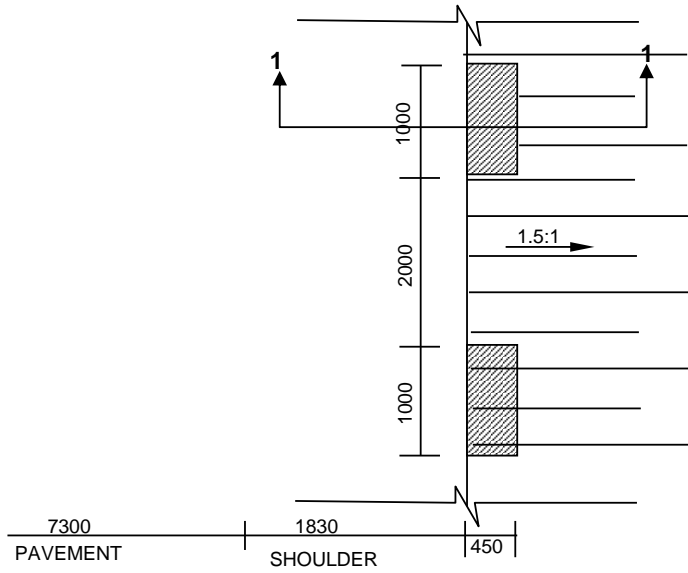
**GWADAR LASBELA LIVELIHOODS SUPPORT PROJECT PHASE-II (GLLSP-II)
CONSTRUCTION OF B/T ROAD FROM ESSA GOTH TO LATEEF BANDIJA GOTH BELA
BILL OF QUANTITIES**

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

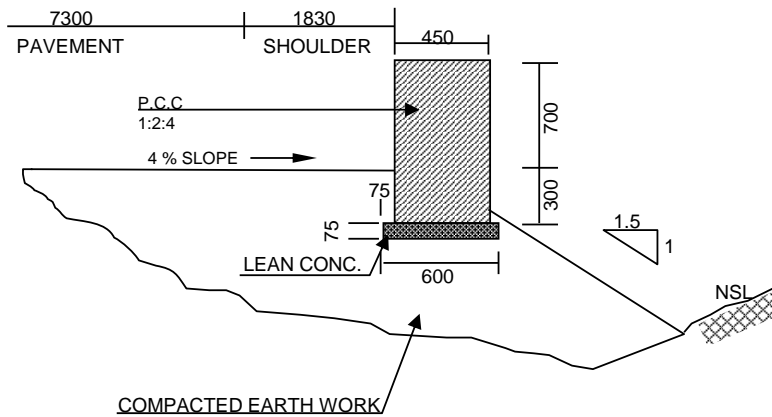
S.No	DESCRIPTION	NO	L	B	D/H	QUANTITY	UNIT	RATE (Pak Rs)	AMOUNT (Pak Rs)
1	Excavation in foundation of buildings and bridges including layout, dressing, refilling around structures with excavated earth, watering & ramming lead upto 100 ft. (30m) & lift upto 5 ft. (1.5m) (S.I. NO.3-21iv)	1	1.000	0.600	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 ESSA GOTH TO LATEEF BANDIJA GOTH BELA



**PLAN
OF PARAPET WALL**



**SECTION 1-1
OF PARAPET WALL**