



SUMMARY OF BOQs

Contract No: **BCS-NA-2019~20/N-35/02**

Scope of Work **Rehabilitation of Ayub Bridge Havelian (KM 56+050)**

Engineer Estimate **Rs. 25,808,789.00**

S.No	Description	Amount (Rs)
1	Phase-1, RCC Work for Pier No. 02	10,157,622.00
2	Phase-I, RCC Work for Pier No. 06	9,217,960.00
3	Phase-II, Specialized Work for Pier No. 2	6,433,207.00
		25,808,789.00

% Above _____

Rs. _____

% Below _____

Rs. _____

Total Bid Cost Rs. _____

Rupees in word _____

Signatures/Stamp of Contractor's: _____

Secretary

DD (Maint)
NHA, Atd

Member

Dir (Coord) NZ
Peshawar

Member

Dir/DD(M&I)
NA's Region

Member

DD (Acct) NAs
Abbottabad

Chairman

Dir (Maint) NA's
NHA, Atd

BILL OF QUANTITIES (Phase-I)

Contract No: **BCS-NA-2019~20/N-35/02**

PHASE – I : **RCC Work for Pier No. 02**

Estimate Cost: **Rs. 10,157,622.00**

Item#	Description	Unit	Qty	Rate (Rs)	Amount (Rs)
401a3i	Concrete Class A3 (Underground)	CM	103.62	10,770.30	1,116,018.49
401a3ii	Concrete Class A3 (On ground)	CM	48.042	11,673.35	560,811.08
401a3iii	Concrete Class A3 (Elevated)	CM	83.314	12,123.77	1,010,082.20
401a1ii	Concrete Class A1 (On ground)	CM	0.13	10,967.27	1,425.75
407d2	Cast in place piles 1.0 M Dia in Gravel Soil (Boring only)	M	132.0	8,428.98	1,112,625.36
406e	Elastomeric Bearing Pads as per the Engineer incharge	CCM	38940.0	2.01	78,269.40
404b	Reinforcement as per (AASTHO M-31 Grade 60)	Ton	42.30	116,539.73	4,929,630.58
407n	Permanent Pile Casing	Ton	8.93	144,541.91	1,290,759.26
NSI	Readymade mix Combextra or equivalent	Kg	1160	50.0	58,000.00
Total: (Rs.)					10,157,622.00

Signatures/Stamp of Contractor's: _____

BILL OF QUANTITIES (Phase-I)

Contract No: **BCS-NA-2019~20/N-35/02**

PHASE – I : **RCC Work for Pier No. 06**

Estimate Cost: **Rs. 9,217,960.00**

Item#	Description	Unit	Qty	Rate (Rs)	Amount (Rs)
401a3i	Concrete Class A3 (Underground)	CM	103.62	10,770.30	1,116,018.49
401a3ii	Concrete Class A3 (On ground)	CM	48.04	11,673.35	560,811.08
401a3iii	Concrete Class A3 (Elevated)	CM	71.90	12,123.77	871,699.06
407d2	Cast in place piles 1.0 M Dia in Gravel Soil (Boring only)	M	132.00	8,428.98	1,112,625.36
407m	Confirmatory Boring (NX size)	M	27.00	4,473.75	120,791.25
NSI-1	Installing dowels bars of dia 20mm between new and existing transom/tie beams complete in all respect for Pier No. 06	No.	44.00	2,167.26	95,359.44
NSI-2	Old to new Concrete bonding agent (Chemdur 32 or equivalent)	Kg	3.50	1,840.00	6,440.00
404b	Reinforcement Steel as per (AASHTO M-31 Grade 60)	Ton	40.24	116,539.73	4,689,558.74
407n	Permanent Pile Casing	Ton	4.46	144,541.91	644,656.92
Total: (Rs.)					9,217,960.34

Signatures/Stamp of Contractor's: _____

BILL OF QUANTITIES (Phase-II)

Contract No: **BCS-NA-2019~20/N-35/02**

PHASE –II : **Specialized Work for Pier No. 02**

Estimate Cost: **Rs. 6,433,207.00**

Item#	Description	Unit	Qty	Rate (Rs)	Amount (Rs)
NSI-1	Lifting of the Deflected/tilted spans of bridge structure on to Temporary supports with hydraulic jacks inclusive of everything etc complete in all respect.	Job	1	2,901,691.25	2,901,691.25
NSI-2	Lifting of the defected/tilted spans of bridge again for realignment of the bridge structure in vertical and transverse direction on permanent supports and bearing pads including provision of stainless steel and Teflon sheeting to minimize the frictional force, steel brackets including its dowel, hydraulic jacks etc inclusive of everything complete in all respect.	Job	1	3,531,516.00	3,531,516.00
Total: (Rs.)					6,433,207.25

Signatures/Stamp of Contractor's: _____