

**GOVERNMENT OF KHYBER PAKHTUNKHWA
PESHAWAR DEVELOPMENT AUTHORITY**

**Construction of Northern Section of Ring Road (Missing Link) Peshwar from Warsak
Road to Nasir Bagh (From KM 5+000 TO KM 13+700)**

**PACKAGE -IV RD 11+525 TO 13+700
MAIN SUMMARY**

Sr NO.	DESCRIPTION	AMOUNT (RS.) Package-IV
1	BRIDGE OVER NALA @ RD 12+825	541,262,704
2	BRIDGE OVER NALA @ SERVICE ROADS RD 13+400	273,930,526
3	UNDERPASSES	61,215,100
4	ROAD WORKS	1,824,146,269
5	GENERAL ITEMS	3,367,750
TOTAL Amount =		2,703,922,349
Say Million =		2,703.9

Contractor's Rates

(a) Percentage above in Figures = _____

In Words Rs = _____

(b) Percentage below in Figures = _____

In Words Rs = _____

Either (a) or (b) to be filled by the Contractor

Contractor Signature


Dy. Director
Directorate of Projects

PESHAWAR DEVELOPMENT AUTHORITY

Major Head:- Construction of Northern Section of Ring Road (Missing Link) Peshwar from Warsak Road to Nasir Bagh (From KM 5+000 TO KM 13+700)

Sub Head:- Construction of Bridge over Nullah at RD 12+825 with Left approach / Service road and Retaining wall

MAIN SUMMARY

SR. NO.	Item Description	Amount
1	BRIDGE WORKS	541262704.16
TOTAL AMOUNT Rs.		541262704.16

PESHAWAR DEVELOPMENT AUTHORITY

Major Head:- Construction of Northern Section of Ring Road (Missing Link) Peshwar from Warsak Road to Nasir Bagh (From KM 5+000 TO KM 13+700)

Sub Head:- Construction of Bridge over Nullah at RD 12+825 with Left approach / Service road and Retaining wall

BRIDGE WORKS

Abstract of Cost "BreakDown"

SR. NO.	Pay Item No. 2024 (1st Bi Annual)	Item Description	Unit	Qty	Rate Rs.	Amount
Confirmatory boring total depth 35 meters						
301	16-32-a	Confirmatory Boring including SPT's; samples, lab test bore-hole logs & Report :	m	20.000	13256.00	265120.00
302	16-32-b	Confirmatory Boring including SPT's, samples, lab test, bore-hole logs, report : in Gravelly Soil	m	15.000	11916.63	178749.45
303	16-34-d	Pile Load Testing : Max Load 361 - 600 tonne	Job	1.000	754444.00	754444.00
304	16-35-b	Boring for Cast-in-place RCC Piles in Alluvial Soils : Dia 761 - 1220 mm	m	851.000	9375.59	7978627.09
305	16-36-c	Boring with temporary casing in gravelly subsoil for 760-1220 mm diameter pile.	m	660.000	11916.63	7864975.80
306	06-48-c	Class A3 cement concrete for concrete in pile with minimum cylinder compressive strenght 4000 psi on 28 days other than concrete in water and piles	m3	1180.000	20811.12	24557121.60
307	03-67-a	Structural Excavation in Common Material by mechanical means	m3	2651.000	657.80	1743827.80
308	03-67-c	Structural backfill using Common Material available at site.	m3	500.000	519.57	259785.00
309	03-67-d	Structural Backfill using Granular Material brought from outside	m3	458.000	1862.15	852864.70
310	06-05-i	Plain Cement Concrete including placing, compacting, finishing & curing (Ratio 1:4:8)	m3	137.000	11471.96	1571658.52
311	06-07-b-02	RCC in raft foundation slab, base slab of column & ret.wall etc, not including in 06-07-a-02 (1:1.5:3)	m3	913.000	20134.63	18382917.19
312	06-07-a-02	RCC in roof slab, beam, column & other structural members, insitu or precast. (1:1.5:3)	m3	283.000	20136.13	5698524.79

PESHAWAR DEVELOPMENT AUTHORITY

Major Head:- Construction of Northern Section of Ring Road (Missing Link) Peshwar from Warsak Road to Nasir Bagh (From KM 5+000 TO KM 13+700)

Sub Head:- Construction of Bridge over Nullah at RD 12+825 with Left approach / Service road and Retaining wall

BRIDGE WORKS

Abstract of Cost "BreakDown"

SR. NO.	Pay Item No. 2024 (1st Bi Annual)	Item Description	Unit	Qty	Rate Rs.	Amount
313	06-07-a-03	RCC in roof slab, beam, column & other structural members, insitu or precast (1:2:4)	m3	269.000	17793.23	4786378.87
314	06-07-a-02	RCC in roof slab, beam, column & other structural members, insitu or precast (1:1.5:3)	m3	169.000	20136.13	3403005.97
315	06-48-g	Class D2 concrete for concrete in pre-stressed & post tensioned with minimum cylinder compressive strength 6045 psi on 28 days and consistency range in slump 50-100 mm with water cement ratio 0.40	m3	1089.000	24821.55	27030667.95
316	06-07-a-02	RCC in roof slab, beam, column & other structural members, insitu or precast (1:1.5:3)	m3	1149.000	20136.13	23136413.37
317	06-07-a-03	RCC in roof slab, beam, column & other structural members, insitu or precast (1:2:4)	m3	105.000	17793.23	1868289.15
318	06-07-a-03	RCC in roof slab, beam, column & other structural members, insitu or precast (1:2:4)	m3	110.000	17793.23	1957255.30
319	06-08-b	Supply & fabricate M.S reinforcement for cement concrete (Hot rolled deformed bars Grade 60)	Tonne	945.000	327869.31	309836497.95
320	16-85-a	Supply of High Tensile Pre-stressed concrete steel wire strand Grade 270K 0.5" dia. Packed in standard reeless/weldless coils of two 2000 kgs approximately binded and wrapped in Hessian Cloth	ton	78.000	543178.75	42367942.50
321	16-38-a	Supply and Fixing Neoprene Bearing Pad as per specs & design	cm3	1673784.000	4.12	6895990.08

PESHAWAR DEVELOPMENT AUTHORITY

Major Head:- Construction of Northern Section of Ring Road (Missing Link) Peshwar from Warsak Road to Nasir Bagh (From KM 5+000 TO KM 13+700)

Sub Head:- Construction of Bridge over Nullah at RD 12+825 with Left approach / Service road and Retaining wall

BRIDGE WORKS

Abstract of Cost "BreakDown"

SR. NO.	Pay Item No. 2024 (1st Bi Annual)	Item Description	Unit	Qty	Rate Rs.	Amount
322	SP-04	Supply and lay Epoxy setting mortar(Fospak Expan mortar EPS or approved equivalent as per drawing as directed by the Engineer.	m2	25.000	8845.00	221125.00
323	16-84-c	Un-galvanized Sheath for 13 to 15 Wires 0.5" Strand Cable	m	4990.000	166.97	833180.30
324	16-83-d	Jack Anchorage For 13 to 15 Wires 0.5" Strand (Comprising Trumpet, Stressing Block & Wedges Complete)	Each	288.000	9617.14	2769736.32
325	16-41	Launching girders in place, including lifting & handling if any	m	1440.000	3775.54	5436777.60
326	16-42	Stressing Cable of High Tensile Steel Wire Strands	Each	288.000	1779.07	512372.16
327	16-46	Inject Cement Grout in Sheath Pipe after stressing	m	4990.000	84.09	419609.10
328	16-53	Cut off projecting wire ends of cables & make good anchorage recess with 1:2:4 cem. conc.	Each	288.000	1152.70	331977.60
329	SP-05	Supply and fix expansion joints as shown in the drawings or approved equivalent as directed by The engineer.	m	88.000	163568.00	14393984.00
330	16-65	Providing and Laying PVC pipe (b) 8" dia in foot path of bridge for utilities.	m	209.000	3815.00	797335.00
331	16-55	Supply and place in position galvanised steel 3" dia drain scuppers in deck slab as per specs/drwg	Each	65.000	613.64	39886.60
332	16-37	Supply fabricate & install welded MS lining in piles of thickness as per specs/drwg	kg	40.000	213.87	8554.80
333	16-37	Supply fabricate & install welded MS lining in piles of thickness as per specs/drwg	kg	38000.000	213.87	8127060.00

PESHAWAR DEVELOPMENT AUTHORITY

Major Head:- Construction of Northern Section of Ring Road (Missing Link) Peshwar from Warsak Road to Nasir Bagh (From KM 5+000 TO KM 13+700)

Sub Head:- Construction of Bridge over Nullah at RD 12+825 with Left approach / Service road and Retaining wall

BRIDGE WORKS

Abstract of Cost "BreakDown"

SR. NO.	Pay Item No. 2024 (1st Bi Annual)	Item Description	Unit	Qty	Rate Rs.	Amount
334	13-08-b	Bitumen coating to plastered / cement concrete surface : 14 lbs. per 100 sft.	m2	120.000	258.45	31014.00
335	10-03-a	Provide, lay, water & ram 4" thick clean coarse sand under floor / brick paving, complete	m2	335.000	1062.28	355863.80
336	06-05-h	Plain Cement Concrete including placing, compacting, finishing & curing (Ratio 1:3:6)	m3	120.000	12859.69	1543162.80
337	06-47-a	Erection and removal of Form work with Steel Surface Finishing for RCC or Plain Concrete in any shape - Position / Horizontal	m2	1850.000	934.75	1729287.50
338	06-47-b	Erection and removal of Form work with Steel Surface Finishing for RCC or Plain cement Concrete in any shape - Position / Vertical	m2	12650.000	973.97	12320720.50
TOTAL AMOUNT Rs.						541262704.16

PESHAWAR DEVELOPMENT AUTHORITY

Major Head:- Construction of Northern Section of Ring Road (Missing Link) Peshwar from Warsak Road to Nasir Bagh (From KM 5+000 TO KM 13+700)

Sub Head:- CONSTRUCTION OF NALA BRIDGE AT SERVICE ROADS RD 13+400 (2 NOS)

MAIN SUMMARY

SRL NO.	Item Description	Amount
1	BRIDGE WORK	273930526.08
TOTAL AMOUNT Rs.		273930526.08

PESHAWAR DEVELOPMENT AUTHORITY

Major Head:- Construction of Northern Section of Ring Road (Missing Link) Peshwar from Warsak Road to Nasir Bagh (From KM 5+000 TO KM 13+700)

Sub Head:- CONSTRUCTION OF NALA BRIDGE AT SERVICE ROADS RD 13+400 (2 NOS)

BRIDGE WORK

Abstract of Cost "BreakDown"

SR. NO.	Pay Item No. 2024 (1st Bi Annual)	Item Description	Unit	Qty	Rate Rs.	Amount
Confirmatory boring total depth 35 meters						
301	16-32-a	Confirmatory Boring including SPT's, samples, lab test bore-hole logs & Report :	m	70.000	13256.00	927920.00
302	16-32-b	Confirmatory Boring including SPT's, samples, lab test, bore-hole logs, report : in Gravelly Soil	m	70.000	11916.63	834164.10
303	16-34-e	Pile Load Test Upto 601-900 Ton	Each	1.000	774856.00	774856.00
304	16-35-b	Boring for Cast-in-place RCC Piles in Alluvial Soils : Dia 761 - 1220 mm	m	473.000	9375.59	4434654.07
305	16-36-c	Boring with temporary casing in gravelly subsoil for 760-1220 mm diameter pile.	m	473.000	11916.63	5636565.99
306	06-48-c	Class A3 cement concrete for concrete in pile with minimum cylinder compressive strenght 4000 psi on 28 days other than concrete in water and piles	m3	742.000	20811.12	15441851.04
307	03-67-a	Structural Excavation in Common Material by mechanical means	m3	128.000	657.80	84198.40
308	03-67-c	Structural backfill using Common Material available at site.	m3	20.000	519.57	10391.40
309	03-67-d	Structural Backfill using Granular Material brought from outside	m3	71.000	1862.15	132212.65
310	06-05-i	Plain Cement Concrete including placing, compacting, finishing & curing (Ratio 1:4:8)	m3	640.000	11471.96	7342054.40
311	06-07-b-02	RCC in raft foundation slab, base slab of column & ret.wall etc, not including in 06-07-a-02 (1:1.5:3)	m3	277.000	20134.63	5577292.51
312	06-07-a-02	RCC in roof slab, beam, column & other structural members, insitu or precast. (1:1.5:3)	m3	140.000	20136.13	2819058.20

PESHAWAR DEVELOPMENT AUTHORITY

Major Head:- Construction of Northern Section of Ring Road (Missing Link) Peshwar from Warsak Road to Nasir Bagh (From KM 5+000 TO KM 13+700)

Sub Head:- CONSTRUCTION OF NALA BRIDGE AT SERVICE ROADS RD 13+400 (2 NOS)

BRIDGE WORK

Abstract of Cost "BreakDown"

SR. NO.	Pay Item No. 2024 (1st Bi Annual)	Item Description	Unit	Qty	Rate Rs.	Amount
313	06-07-a-03	RCC in roof slab, beam, column & other structural members, insitu or precast (1:2:4)	m3	128.000	17793.23	2277533.44
314	06-07-a-02	RCC in roof slab, beam, column & other structural members, insitu or precast (1:1.5:3)	m3	50.000	20136.13	1006806.50
315	06-48-g	Class D2 concrete for concrete in pre-stressed & post tensioned with minimum cylinder compressive strength 6045 psi on 28 days and consistency range in slump 50-100 mm with water cement ratio 0.40	m3	531.000	24821.55	13180243.05
316	06-07-a-02	RCC in roof slab, beam, column & other structural members, insitu or precast (1:1.5:3)	m3	525.000	20136.13	10571468.25
317	06-07-a-03	RCC in roof slab, beam, column & other structural members, insitu or precast (1:2:4)	m3	114.000	17793.23	2028428.22
318	06-07-a-03	RCC in roof slab, beam, column & other structural members, insitu or precast (1:2:4)	m3	45.000	17793.23	800695.35
319	06-08-b	Supply & fabricate M.S. reinforcement for cement concrete (Hot rolled deformed bars Grade 60)	Tonne	424.000	327869.31	139016587.44
320	16-85-a	Supply of High Tensile Pre-stressed concrete steel wire strand Grade 270K 0.5" dia. Packed in standard reeless/weldless coils of two 2000 kgs approximately binded and wrapped in Hessian Cloth	ton	27.000	543178.75	14665826.25
321	16-38-a	Supply and Fixing Neoprene Bearing Pad as per specs & design	cm3	836892.000	4.12	3447995.04

PESHAWAR DEVELOPMENT AUTHORITY

Major Head:- Construction of Northern Section of Ring Road (Missing Link) Peshwar from Warsak Road to Nasir Bagh (From KM 5+000 TO KM 13+700)

Sub Head:- CONSTRUCTION OF NALA BRIDGE AT SERVICE ROADS RD 13+400 (2 NOS)

BRIDGE WORK

Abstract of Cost "BreakDown"

SR. NO.	Pay Item No. 2024 (1st Bi Annual)	Item Description	Unit	Qty	Rate Rs.	Amount
322	SP-04	Supply and lay Epoxy setting mortar(Fospak Expan mortar EPS or approved equivalent as per drawing as directed by the Engineer.	m2	15.000	8845.00	132675.00
323	16-84-C	Un-galvanized Sheath for 13 to 15 Wires 0.5" Strand Cable	m	2495.000	166.97	416590.15
324	16-83-d	Jack Anchorage For 13 to 15 Wires 0.5" Strand (Comprising Trumpet, Stressing Block & Wedges Complete)	Each	144.000	9617.14	1384868.16
325	16-41	Launching girders in place, including lifting & handling if any	m	720.000	3775.54	2718388.80
326	16-42	Stressing Cable of High Tensile Steel Wire Strands	Each	144.000	1779.07	256186.08
327	16-46	Inject Cement Grout in Sheath Pipe after stressing	m	2495.000	84.09	209804.55
328	16-53	Cut off projecting wire ends of cables & make good anchorage recess with 1:2:4 cem. conc.	Each	144.000	1152.70	165988.80
329	SP-05	Supply and fix expansion joints as shown in the drawings or approved equivalent as directed by The engineer.	m	68.000	163568.00	11122624.00
330	16-65	Providing and Laying PVC pipe (b) 8" dia in foot path of bridge for utilities.	m	220.000	3815.00	839300.00
331	16-55	Supply and place in position galvanised steel 3" dia drain scuppers in deck slab as per specs/drwg	Each	80.000	613.64	49091.20
332	16-37	Supply fabricate & install welded MS lining in piles of thickness as per specs/drwg	kg	42.000	213.87	8982.54
333	15-02-b-06	Supply and Erection PVC pipe for wiring purpose complete Recessed in walls including chase etc : 2" I/d	m	0.000	557.77	0.00

PESHAWAR DEVELOPMENT AUTHORITY

Major Head:- Construction of Northern Section of Ring Road (Missing Link) Peshwar from Warsak Road to Nasir Bagh (From KM 5+000 TO KM 13+700)

Sub Head:- CONSTRUCTION OF NALA BRIDGE AT SERVICE ROADS RD 13+400 (2 NOS)

BRIDGE WORK

Abstract of Cost "BreakDown"

SR. NO.	Pay Item No. 2024 (1st BI Annual)	Item Description	Unit	Qty	Rate Rs.	Amount
334	19-47	Filter granular backfill behind retaining wall (stone/boulder filling upto one meter to prevent choking of ween holes	m3	750.000	2063.51	1547632.50
335	14-34-a-01	Providing and fitting cast iron (CI) soil pipe including all specials complete in all respects with : Lead & yarn caulked joint : 4" dia.	m	0.000	3511.35	0.00
336	10-03-a	Provide, lay, water & ram 4" thick clean coarse sand under floor / brick paving, complete	m2	500.000	1062.28	531140.00
337	06-47-a	Erection and removal of Form work with Steel Surface Finishing for RCC or Plain Concrete in any shape - Position / Horizontal	m2	10592.000	934.75	9900872.00
338	06-47-b	Erection and removal of Form work with Steel Surface Finishing for RCC or Plain cement Concrete in any shape - Position / Vertical	m2	14000.000	973.97	13635580.00
TOTAL AMOUNT Rs.						273930526.08

PESHAWAR DEVELOPMENT AUTHORITY

Major Head:- Construction of Northern Section of Ring Road (Missing Link) Peshwar from Warsak Road to Nasir Bagh (From KM 5+000 TO KM 13+700)

Sub Head:- Construction of Dual Carriageway Minor Crossing Under passes with Service roads and Ancillary Structures

MAIN SUMMARY

SR. NO.	Item Description	Amount
1	UNDER PASSES RD 12+400	61215100.20
TOTAL AMOUNT Rs.		61215100.20

PESHAWAR DEVELOPMENT AUTHORITY

Major Head:- Construction of Northern Section of Ring Road (Missing Link) Peshwar from Warsak Road to Nasir Bagh (From KM 5+000 TO KM 13+700)

Sub Head:- Construction of Dual Carriageway Minor Crossing Under passes with Service roads and Ancillary Structures

UNDER PASSES RD 12+400

Abstract of Cost "BreakDown"

SR. NO.	Pay Item No. 2024 (1st Bi Annual)	Item Description	Unit	Qty	Rate Rs.	Amount
301	03-67-a	Structural Excavation in Common Material by mechanical means	m3	1745.333	657.80	1148080.27
302	03-67-c	Structural backfill using Common Material available at site.	m3	493.333	519.57	256321.20
303	03-67-d	Structural Backfill using Granular Material brought from outside	m3	2998.667	1862.15	5583967.13
304	06-05-i	Plain Cement Concrete including placing, compacting, finishing & curing (Ratio 1:4:8)	m3	46.667	11471.96	535358.13
305	06-07-b-02	RCC in raft foundation slab, base slab of column & ret.wall etc, not including in 06-07-a-02 (1:1.5:3)	m3	146.667	20134.63	2953079.07
306	06-07-a-02	RCC in roof slab, beam, column & other structural members, insitu or precast. (1:1.5:3)	m3	177.333	20136.13	3570807.05
307	06-07-a-02	RCC in roof slab, beam, column & other structural members, insitu or precast. (1:1.5:3)	m3	153.333	20136.13	3087539.93
308	06-07-a-03	RCC in roof slab, beam, column & other structural members, insitu or precast (1:2:4)	m3	30.667	17793.23	545659.05
309	06-08-b	Supply & fabricate M.S. reinforcement for cement concrete (Hot rolled deformed bars Grade 60)	Tonne	124.000	327869.31	40655794.44
310	16-65	Providing and Laying PVC pipe (b) 8" dia in foot path of bridge for utilities.	m	26.667	3815.00	101733.33
311	10-03-a	Provide, lay, water & ram 4" thick clean coarse sand under floor / brick paving, complete	m2	600.000	1062.28	637368.00
312	13-08-b	Bitumen coating to plastered / cement concrete surface : 14 lbs. per 100 sq.ft.	m2	765.333	258.45	197800.40
313	16-09-b	Bitumenous Tack Coat	m2	266.667	96.23	25661.33

PESHAWAR DEVELOPMENT AUTHORITY

Major Head:- Construction of Northern Section of Ring Road (Missing Link) Peshwar from Warsak Road to Nasir Bagh (From KM 5+000 TO KM 13+700)

Sub Head:- Construction of Dual Carriageway Minor Crossing Under passes with Service roads and Ancillary Structures

UNDER PASSES RD 12+400

Abstract of Cost "BreakDown"

SR. NO.	Pay Item No. 2024 (1st Bi Annual)	Item Description	Unit	Qty	Rate Rs.	Amount
314	16-14-b	Asphaltic Wearing Course (Asphalt Batch Plant Hot Mixed) I/c Transportation and Finishing complete	m3	20.000	35026.91	700538.20
315	06-47-a	Erection and removal of Form work with Steel Surface Finishing for RCC or Plain Concrete in any shape - Position / Horizontal	m2	466.667	934.75	436216.67
316	06-47-b	Erection and removal of Form work with Steel Surface Finishing for RCC or Plain cement Concrete in any shape - Position / Vertical	m2	800.000	973.97	779176.00
TOTAL AMOUNT Rs.						61215100.20

PESHAWAR DEVELOPMENT AUTHORITY

Major Head:- Construction of Northern Section of Ring Road (Missing Link) Peshwar from Warsak Road to Nasir Bagh (From KM 5+000 TO KM 13+700)

Sub Head:- Construction of Dual Carriageway without Service roads and Ancillary Structures (From 11+525 TO 13+700 KM)

Package-IV

MAIN SUMMARY

SR. NO.	Item Description	Amount
1	ROAD WORKS	827404822.92
2	STRUCTURE WORKS	996741446.08
TOTAL AMOUNT Rs.		1824146269.00

PESHAWAR DEVELOPMENT AUTHORITY

Major Head:- Construction of Northern Section of Ring Road (Missing Link) Peshwar from Warsak Road to Nasir Bagh (From KM 5+000 TO KM 13+700)

Sub Head:- Construction of Dual Carriageway without Service roads and Ancillary Structures (From 11+525 TO 13+700 KM)

ROAD WORKS

Abstract of Cost "BreakDown"

SR. NO.	Pay Item No. 2024 (1st Bi Annual)	Item Description	Unit	Qty	Rate Rs.	Amount
101	03-62	Clearing and Grubbing by mechanical means	m2	65894.591	33.07	2179134.12
102	03-63	Removal of Tree : Girth 150mm - 300mm including removal of stump & backfilling with sand	No	1898.464	1097.04	2082691.26
103	03-64-a	Removal of Tree : Girth 300mm - 600mm including removal of stump & backfilling with sand	No	706.169	2194.08	1549390.91
104	03-64-b	Removal of Tree : Girth over 600mm including removal of stump & backfilling with sand	No	564.935	5295.55	2991641.88
105	03-65	Compaction of Natural Ground	m2	0.000	39.66	0.00
106	03-70-a	Formation of Embankment from Roadway Excavation in Common Material including compaction Modified AASHTO 90% by power roller	m3	706.169	739.59	522275.41
107	03-66-a	Roadway Excavation in Surplus / Unsuitable Common Material	m3	3061.383	657.05	2011481.78
108	03-70-i	Formation Of Embankment From Borrow Excavation In Common Material	m3	241239.136	734.31	177144310.22
109	03-07-b	Earth fill in lawns including dressing & compaction with suitable earth borrowed	m3	3175.500	404.49	1284458.00
110	16-04-a	Granular Sub Base Course using Pit Run Gravel	m3	18827.591	2442.84	45992792.18
111	16-05-a	Aggregate Base Course	m3	18686.640	4695.09	87735454.77
112	16-14-a	Asphaltic Base Course (Asphalt Batch Plant Hot Mixed) i/c Transportation and Finishing complete	m3	9060.146	31294.80	283535460.29

PESHAWAR DEVELOPMENT AUTHORITY

Major Head:- Construction of Northern Section of Ring Road (Missing Link) Peshwar from Warsak Road to Nasir Bagh (From KM 5+000 TO KM 13+700)

Sub Head:- Construction of Dual Carriageway without Service roads and Ancillary Structures (From 11+525 TO 13+700 KM)

ROAD WORKS

Abstract of Cost "BreakDown"

SR. NO.	Pay Item No. 2024 (1st Bi Annual)	Item Description	Unit	Qty	Rate Rs.	Amount
113	16-14-b	Asphaltic Wearing Course (Asphalt Batch Plant Hot Mixed) i/c Transportation and Finishing complete	m3	3192.166	35026.91	111811696.63
114	16-09-a	Bitumenous Prime Coat	m2	60544.091	257.77	15606450.31
115	16-09-b	Bitumenous Tack Coat	m2	120498.672	96.23	11595587.21
116	16-79	Providing & laying stone soling in water logged area including granular filling & compaction complete	m3	19143.390	4085.87	78217401.31
117	16-12	Scarification Of Existing Road Pavement Structure	m3	3869.805	512.91	1984861.78
118	03-38	Turfing slopes of banks or lawns with grass sods including ploughing, laying, setting & watering	m2	12583.929	92.16	1159734.86
TOTAL AMOUNT Rs.						827404822.92

PESHAWAR DEVELOPMENT AUTHORITY

Major Head:- Construction of Northern Section of Ring Road (Missing Link) Peshwar from Warsak Road to Nasir Bagh (From KM 5+000 TO KM 13+700)

Sub Head:- Construction of Dual Carriageway without Service roads and Ancillary Structures (From 11+525 TO 13+700 KM)

STRUCTURE WORKS

Abstract of Cost "BreakDown"

SR. NO.	Pay Item No. 2024 (1st Bi Annual)	Item Description	Unit	Qty	Rate Rs.	Amount
SIDE DRAINS						
401	03-67-a	Structural Excavation in Common Material by mechanical means	m3	8910.721	657.80	5861472.13
402	06-07-a-03	RCC in roof slab, beam, column & other structural members, insitu or precast (1:2:4)	m3	15311.153	17793.23	272434859.73
403	06-07-c-03	RCC including Precast/Prestressed slab, column, beam, lintel, girder etc. (1:2:4).	m3	2097.886	17793.23	37328174.58
404	06-08-b	Supply & fabricate M.S. reinforcement for cement concrete (Hot rolled deformed bars Grade 60)	Tonne	1387.062	327869.31	454775214.16
405	06-05-i	Plain Cement Concrete including placing, compacting, finishing & curing (Ratio 1:4:8)	m3	1579.841	11471.96	18123871.72
406	06-47-a	Erection and removal of Form work with Steel Surface Finishing for RCC or Plain Concrete in any shape - Position / Horizontal	m2	5876.455	934.75	5493015.89
407	06-47-b	Erection and removal of Form work with Steel Surface Finishing for RCC or Plain cement Concrete in any shape - Position / Vertical	m2	70213.519	973.97	68385861.57
STUB RETAINING WALL AT R.O.W				0.000		
408	03-67-a	Structural Excavation in Common Material by mechanical means	m3	18149.669	657.80	
409	06-07-a-03	RCC in roof slab, beam, column & other structural members, insitu or precast (1:2:4)	m3	10279.276	17793.23	
410	06-08-b	Supply & fabricate M.S. reinforcement for cement concrete (Hot rolled deformed bars Grade 60)	Tonne	823.958	327869.31	

PESHAWAR DEVELOPMENT AUTHORITY

Major Head:- Construction of Northern Section of Ring Road (Missing Link) Peshwar from Warsak Road to Nasir Bagh (From KM 5+000 TO KM 13+700)

Sub Head:- Construction of Dual Carriageway without Service roads and Ancillary Structures (From 11+525 TO 13+700 KM)

STRUCTURE WORKS

Abstract of Cost "BreakDown"

SR. NO.	Pay Item No. 2024 (1st Bi Annual)	Item Description	Unit	Qty	Rate Rs.	Amount
411	06-05-i	Plain Cement Concrete including placing, compacting, finishing & curing (Ratio 1:4:8)	m3	1359.799	11471.96	
412	06-47-a	Erection and removal of Form work with Steel Surface Finishing for RCC or Plain Concrete in any shape - Position / Horizontal	m2	3954.545	934.75	
413	06-47-b	Erection and removal of Form work with Steel Surface Finishing for RCC or Plain cement Concrete in any shape - Position / Vertical	m2	35524.529	973.97	
PROTECTION WORKS				0.000		
414	03-67-a	Structural Excavation in Common Material by mechanical means	m3	227.386	657.80	
415	19-28-b	Providing and Laying stone pitching for top layer only : On level	m3	207.614	4795.91	
				0.000		
				0.000		
PIPE CULVERTS				0.000		
416	03-67-a	Structural Excavation in Common Material by mechanical means	m3	7389.351	657.80	4860714.86
417	06-07-a-03	RCC in roof slab, beam, column & other structural members, insitu or precast (1:2:4)	m3	185.299	17793.23	3297062.41
418	06-08-b	Supply & fabricate M.S. reinforcement for cement concrete (Hot rolled deformed bars Grade 60)	Tonne	29.942	327869.31	9816918.11
419	06-05-i	Plain Cement Concrete including placing, compacting, finishing & curing (Ratio 1:4:8)	m3	24.575	11471.96	281919.69
420	16-29-e-i	Reinforced Concrete Pipe Culvert (AASHTO M-170) Dia: 1070mm	m	270.321	11990.38	3241256.65
421	16-29-d-ii	R.C.C. Pipe Culvert Aashto M 170 Dia 910 mm	m	141.234	11300.28	1595981.10

PESHAWAR DEVELOPMENT AUTHORITY

Major Head:- Construction of Northern Section of Ring Road (Missing Link) Peshwar from Warsak Road to Nasir Bagh (From KM 5+000 TO KM 13+700)

Sub Head:- Construction of Dual Carriageway without Service roads and Ancillary Structures (From 11+525 TO 13+700 KM)

STRUCTURE WORKS

Abstract of Cost "BreakDown"

SR. NO.	Pay Item No. 2024 (1st BI Annual)	Item Description	Unit	Qty	Rate Rs.	Amount
422	16-29-f-i	Reinforced Concrete Pipe Culvert (AASHTO M-170) Dia: 1220mm	m	1365.731	13758.82	18790840.39
423	16-31	Concrete Class B in Bedding and Encasement of Concrete Pipe Culvert	m3	5536.364	16699.46	92454283.09
TOTAL AMOUNT Rs.						996741446.08

FOR PC-1

**PESHAWAR DEVELOPMENT AUTHORITY
CONSTRUCTION OF NORTHERN SECTION OF
RING ROAD (MISSING LINK), PESHAWAR**

FROM WARSAK TO NASIR BAGH

**RD.05+000 TO RD 13+700
PACKAGE-IV RD.11+525 TO RD 13+700
PRICED BILL OF QUANTITIES**

Sr No.10: General Items

Pay Item No.	Item Description	Unit	Quantity	Rate (Rs.)	Amount (Rs.)
701a/Sp-	Provide surveying & Allied equipment	P.S			
701b/Sp-	Maintain surveying equipment and provide teams for survey	Month			
702ai	Provide equipment & furnish Employer's/Engineer's Office floor area (372 SM).minimum	P.S			
702aii	Provide, furnish and Equip Residential Accommodation for Employer's/Engineer's (350 SM)	P.S			
702bi	Maintain Engineer's /Employer's Representative Office	Month			
702bii	Maintain Residential Accommodation for Employer's/ Engineer's.	Month			
703a/Sp-	Provide equipment & furnish project laboratory in floor area (160 SM)	P.S			
703c/Sp-	Maintain project laboratory	Month			
Sp-709a/Sp-	Provide transport for Employer's/Engineer's				
i	Toyota REVO Latest model or Approved equivalent	Each			
ii	Toyota Single Cabin (4X2) with A.C and convertible to Double Cabin	P.S	1.00	0.00	
iii	Toyota Corolla Sedan with AC	P.S	1.00	0.00	
iv	Hard Top Truck or approved equivalent	P.S	1.00	0.00	
Sp-709b/Sp-	Running and maintenance of transport for Engineer's representative	Veh. Month			
Sp-712/SP	Employee Trainee Engineer's including Boarding, Lodging and food.	Man/ Month	192.00	36,000.00	
SP-713	Country Training, Purchase of Manuals, Technical Journal books etc for Employer / Engineer use.	P.S			
705	Construction and Maintenance of Temporary Road Diversion.	Not a Payable item and the cost is deemed to be included in the other work items.			
	Total of Bill 7 Carried to summary				3367750