


SOUTH CENTRAL RAILWAY										
ENGINEERING DEPARTMENT										
SECUNDERABAD DIVISION										
TENDER SCHEDULE										
Name of the work :-SC Division-DKJ-MUGR Section- Br no.145 at km.99/12-13, Br no.155 at km.102/5-6 existing 1x12.20m steel girder between PGD-MUGR stations, Proposed to be replaced with PSC Slab of span 1x12.20m										
Division/District: SECUNDERABAD. IRPSM No 11.05.32.24.3.54.012										
S.No	Item	DESCRIPTION OF WORK	Bridge no. 145	Bridge No. 155	Total Quantity	UNIT	RATE	Bridge no. 145	Bridge No. 155	Total Amount
SCHEDULE - A (USSOR-2021 Delaunching & Launching Item)										
1	041344	USSR-2021-041344 - Delaunching of existing Structural steel plate girders and Launching New PSC slabs	260	260	520.00	MT	1020.73	265389.80	265389.80	530779.60
Schedule -A Total								265389.80	265389.80	530779.60
SCHEDULE - B (USSOR-2021 Concrete Items)										
1	022060	USSR-2021- 022060 - P & L CC 1:3:6 with 40 mm in levelling course for casting of ballast retainers/PSC	35	35	70.00	Cum	2599.66	90988.10	90988.10	181976.20
2	031080	USSR-2021- 031080- providing M 35 grade cast in situ RCC ballast	80	80	160.00	Cum	2646.72	211737.60	211737.60	423475.20
3	022031	USSR-2021 - 022031- providing M20 with 20 mm in wearing corse over PSC	6.5	6.5	13.00	Cum	2509.53	16311.95	16311.95	32623.89
4	025040	USSR-21- 025040- Providing and laying in position machine batched,	255	255	510.00	Cum	4507.88	1149509.40	1149509.40	2299018.80
5	031020	USSR-2021- 031020 - Providing and laying in position machine batched,	55	55	110.00	Cum	2646.72	145569.60	145569.60	291139.20
6	031220	USSR-2021 - 031220 - Deduct for slab casting instead of girder	55	55	110.00	Cum	-35.99	-1979.45	-1979.45	-3958.90
Schedule -B Total								1612137.20	1612137.20	3224274.39

SCHEDULE - C (USSOR-2021 Cement Item)										
1	025072	USSSR-21- 025072 Supplying 53 Grade cement at site	186	187	373.00	MT	7258.31	1350045.66	1357303.97	2707349.63
Schedule -C Total								1350045.66	1357303.97	2707349.63
SCHEDULE - D ( USSOR-2021 Steel Item)										
1	025082	USSSR-21- 025082 - Supplying Reinforcement steel for PSC slab, Ballast retainer and foot path etc.	23100	23100	46200.00	Kg	98.27	2270037.00	2270037.00	4540074.00
Schedule -D Total								2270037.00	2270037.00	4540074.00
SCHEDULE - E (USSOR-2021 General items)										
1	022011	USSSR-21- 022011 - Excavation in all types of soils for casting of /ballast	2280	2260	4540.00	Cum	189.63	432356.40	428563.80	860920.20
2	022012	USSSR-21- 022012 Earth work Excavation around Abutment/piers	300	300	600.00	Cum	387.70	116310.00	116310.00	232620.00
3	022014	USSSR-21- 022014 Earth work Excavation around Abutment/piers for jacketting work	300	300	600.00	Cum	1058.31	317493.00	317493.00	634986.00
4	025031	USSSR-21- 025031 centering, shuttering, and removal of form work for PSC slab, Ballast retainer & foot path etc	1850	1850	3700.00	Sqm	605.99	1121081.50	1121081.50	2242163.00
5	025051	USSSR-21-025051 - Extra for drilling 32mm dia. holes for jacketing /	900	900	1800.00	Metre	116.16	104544.00	104544.00	209088.0
6	025052	USSSR-21-025052- Extra for inserting of dowel bars of specified dia.	900	900	1800.00	Metre	13.00	11700.00	11700.00	23400.00
7	031040	USSR-2021 - 031040 Providing, fabricating & fixing in position to exact	3	3	6.00	MT	205387.39	616162.17	616162.17	1232324.34

8	031111	USSR-2021-031111- load testing of one or more spans of bridge as selected	1	1	2.00	Each	75665.73	75665.73	75665.73	151331.46
9	051070	USSSR-21- 051070 Providing and laying pitching with stone boulders not	70	75	145.00	Cum	2494.46	174612.20	187084.50	361696.70
10	051080	USSSR-21- 051080 Providing laying filter material as per RDSO BELOW	45	50	95.00	Cum	2767.79	124550.55	138389.50	262940.05
11	052020	USSSR-21 - 052020- Providing & laying 300mm thick dry stone flooring with	70	70	140.00	Cum	1940.44	135830.80	135830.80	271661.60
12	052073	USSSR-2021- 052073 - Epoxy Grout	700	700	1400.00	Kg	1234.54	864178.00	864178.00	1728356.00
13	052200	USSSR-21 - 052200 - Painting the HFL mark and Danger level mark, year of	2	2	4.00	Each	258.36	516.72	516.72	1033.44
14	052210	USSSR-21 - 052210 - Providing cast in situ bridge number plaques as per	2	2	4.00	Each	744.16	1488.32	1488.32	2976.64
15	195060	USSSR-21- 195060 Clearing water way of major & minor bridges by	180	180	360.00	Metre	184.57	33222.60	33222.60	66445.20
16	211201	USSSR-21- 211201 - Hiring of machinery for minor miscellaneous	30	30	60.00	Hour	870.14	26104.20	26104.20	52208.40
Schedule -E Total								4155816.19	4178334.84	8334151.03
SCHEDULE - F (USSOR-2021 Track Items)										
	172030	USSSR- 2021- 172030 Loading , leading and unloading of PSC Sleepers								
1	172031	USSSR-21- 172031 - For lead up to 500 metres	90	90	180.00	MT	258.22	23239.80	23239.80	46479.60
2	172032	USSSR-21- 172032- For lead beyond 500 metre and up to 1 Km	90	90	180.00	MT	382.26	34403.40	34403.40	68806.80
3	172033	USSSR-21- 172033- Extra to Items no. 172032 for lead beyond 1Km for every	90	90	180.00	MT	39.63	3566.70	3566.70	7133.40

	085010	USSSR-21- 085010- Manufacturing, supply and stacking of machine crushed Track Ballast conforming to RDSO Specification (IRS-GE-1) with								
4	085011	USSSR-21- 085011- When distance of nearest quarry is up to 10 km	25	25	50.00	Cum	903.65	22591.25	22591.25	45182.50
5	085012	USSSR-21- 085012 - When distance of nearest quarry is more than 10 km and up to 20 km	25	25	50.00	Cum	965.37	24134.25	24134.25	48268.50
6	085013	USSSR-21- 085013 - When distance of nearest quarry is more than 20 km and up to 30 km	25	25	50.00	Cum	1032.18	25804.50	25804.50	51609.00
7	085014	USSSR-21-085014 - When distance of nearest quarry is more than 30 km and up to 40 km	25	25	50.00	Cum	1070.39	26759.75	26759.75	53519.50
8	085015	USSSR-21-085015 - When distance of nearest quarry is more than 40 km and up to 50 km	25	25	50.00	Cum	1118.48	27962.00	27962.00	55924.00
9	085016	USSSR-21-085016 -When distance of nearest quarry is more than 50 km and up to 100 km	25	25	50.00	Cum	1255.68	31392.00	31392.00	62784.00
10	085017	USSSR-21-085017 - When distance of nearest quarry is more than 100 km and up to 150 km	25	25	50.00	Cum	1498.78	37469.50	37469.50	74939.00
11	085018	USSSR-21-085018 - When distance of nearest quarry is more than 150 km and up to 200 km	25	25	50.00	Cum	1751.10	43777.50	43777.50	87555.00
12	085019	USSSR-21-085019 - When distance of nearest quarry is more than 200 km and up to 250 km	25	25	50.00	Cum	2003.42	50085.50	50085.50	100171.00
	191010	USSSR-21 - 191010 Dismantling existing track on girder bridges								
13	191011	USSSR-21-191011 -Under traffic block condition	160	160	320.00	TRM	376.13	60180.80	60180.80	120361.60

	161010	USSSR-21- 161010 - Quick cutting with abrasive rail cutter of all type s of rail sections including wear resistant, head hardened rails up to 110UTS, with <del>contractors tools &amp; plants equipment</del>								
14	161011	USSSR-21- 161011 - 60 Kg - 110/90 UTS - On Running Line	25	25	50.00	Each	212.20	5305.00	5305.00	10610.00
15	161014	USSSR-21- 161014 - 60 Kg - 110/90 UTS - On Running Line	25	25	50.00	Each	270.31	6757.75	6757.75	13515.50
16	194010	USSSR-21 - 194010 - Manufacture of flared portion of Guard Rail by cutting and bending to required shape & RDSO's approved drawings. Note: (1)	1	1	2.00	Set	3509.41	3509.41	3509.41	7018.82
17	194020	USSSR-21 - 194020 - Providing and fixing of flared portion of guard rails	1	1	2.00	Set	3189.64	3189.64	3189.64	6379.28
18	194030	USSSR-21- 194030 - Drilling holes 25mm to 40mm dia. With drill twist in	200	200	400.00	Each	64.86	12972.00	12972.00	25944.00
19	194040	USSSR-21- 194040 - Drilling of 25mm to 40mm dia. holes in PSC sleepers	200	200	400.00	Each	227.05	45410.00	45410.00	90820.00
20	123060	USSSR-21- 123060 - Linking of BG track (with guard rail) over ballasted	50	50	100.00	TRM	371.16	18558.00	18558.00	37116.00
21	131032	USSSR-21 - 131032 - First or Second Through Packing of track of all sleeper	100	100	200.00	TRM	118.77	11877.00	11877.00	23754.00
	131040	USSSR-21 - 131040 - Third or subsequent Through Packing of track								
22	131042	USSSR-21- 131042 - For PSC Sleeper Track with Sleeper Density of 1660	100	100	200.00	TRM	91.36	9136.00	9136.00	18272.00
23	211220	USSSR-21- 211220 - Supplying and filling 50kg size empty cement	2000	2000	4000.00	Each	13.70	27400.00	27400.00	54800.00
24	083010	USSSR -21- 083010 - Lifting and packing for regrading the existing PSC	200	200	400.00	TRM	154.00	30800.00	30800.00	61600.00
25	083011	USSSR -21- 083011 - Extra for additional lift over 75mm for every	800	800	1600.00	TRM	23.82	19056.00	19056.00	38112.00

	172040	USSSR-2021- 172040- Loading, leading and unloading of all types of P.Way fittings and all other miscellaneous								
26	172041	USSSR-2021 - 172041 - Lead up to 5 Km	50	50	100.00	MT	150.99	7549.50	7549.50	15099.00
27	172042	USSSR-2021 - 172042 - Lead beyond 5 Km and up to 10 km	50	50	100.00	MT	194.32	9716.00	9716.00	19432.00
28	172043	USSSR-2021 - 172043 - Lead beyond 10 Km and up to 20 km	50	50	100.00	MT	253.88	12694.00	12694.00	25388.00
29	172044	USSSR-2021 - 172044 - Lead beyond 20 Km and up to 30 km	50	50	100.00	MT	327.18	16359.00	16359.00	32718.00
30	172045	USSSR-2021 - 172045 -Lead beyond 30 Km and up to 50 km	50	50	100.00	MT	429.92	21496.00	21496.00	42992.00
31	172046	USSSR-2021 - 172046 - Lead beyond 50 Km and up to 100 Km	50	50	100.00	MT	655.64	32782.00	32782.00	65564.00
32	172047	USSSR-2021 - 172047 - Lead beyond 100 Km and up to 150 Km	50	50	100.00	MT	991.65	49582.50	49582.50	99165.00
Schedule -F Total								755516.75	755516.75	1511033.50
								Bridge no. 145	Bridge No. 155	Total
Total Value of The Tender Rs.								10408942.60	10438719.56	20847662.15
<div> DEN/SOUTH/SC</div>										