



DESIGN AND CONSTRUCTION OF CIVIL, STRUCTURES AND TRACK WORKS, INVOLVING FORMATION IN EMBANKMENT /CUTTING, BALLAST ON FORMATION, TRACK WORKS, BRIDGES, STRUCTURES, BUILDINGS, YARDS & INTEGRATION WITH INDIAN RAILWAY'S EXISTING RAILWAY SYSTEM AND TESTING & COMMISSIONING ON DESIGN-BUILD LUMP SUM BASIS OF KHURJA-PILKHANI SECTION (APPROXIMATELY 222 ROUTE KM OF SINGLE LINE) OF EASTERN DEDICATED FREIGHT CORRIDOR

CIVIL, STRUCTURES AND TRACK WORKS

Issued on: **24-08-2016**

ICB No.: **HQ/EN/EC/D-B/Khurja-Pilkhani Section**
(PART-4)

CONTRACT PACKAGE NO.: 303

KHURJA TO PILKHANI

From Km. 1367.0 (ALJN-GZB) to Km 187.5 (SRE-UMB)

EMPLOYER: DEDICATED FREIGHT CORRIDOR CORPORATION OF INDIA LTD
(A GOVERNMENT OF INDIA ENTERPRISE)

MINISTRY OF RAILWAYS

COUNTRY: INDIA

Table of Contents

PART 1 – Bidding Procedures

- Section I. Instructions to Bidders
- Section II. Bid Data Sheet
- Section III. Evaluation and Qualification Criteria (Following Prequalification)
- Section IV. Bidding Forms
- Section V. Eligible countries

PART 2 – Employer’s Requirements

- Section VI. Employer’s Requirements
- Volume 1: Scope of Works
- Volume 2: General
- Volume 3: Design Procedures and Processes
- Volume 4: Design Criteria and Specifications
- Volume 5: Construction, Testing and Commissioning
- Volume 6: Appendices

PART 3 – Conditions of Contract and Contract Forms

- Section VII. General Conditions (GC) As per FIDIC Yellow Book 1999-Edition
- Section VIII. Particular Conditions
 - *Appendix to Tender*
- Section IX. Contract Forms

PART 4 – Reference Documents

1. Site data including alignment and survey details, utilities, GADs etc.
2. DFCC– Environmental Impact Assessment
Environment Assessment (EA), Environment Management Framework and
Environment Management Plan for Khurja - Pilkhani Section
3. DFCC– Social Impact Assessment:
Draft (Final) Resettlement Action Plan for Khurja-Pilkhani Section
4. DFCC – SHE Manual

Part 4 – Reference Documents

Contents

1. Site details – Site data including alignment and survey details, Utilities, GADs etc.

Volume	Description	No. of Folders
Volume 1	Sectional Data	One
Volume 2	Co-ordinate Data	One
Volume 3	Geo Tech Data	Four
Volume 4	Hydraulic Data	Three
Volume 5	Drawing	
	5.1 Project Sheet	One
	5.2 GAD Bridges	One
	5.3 Other Drawings	One
	5.4 ESP	One

2. DFCC – Environment Impact Assessment

Environment Assessment (EA), Environment Management Framework and Environment Management Plan for Khurja - Pilkhani Section.

3. DFCC – Social Impact Assessment

Draft (Final) Resettlement Action Plan for Khurja - Pilkhani Section.

4. DFCC – SHE Manual

DISCLAIMER –

"The number of structures given in sectional data (Vol. -1) list are final but other Data and Drawings attached to Tender document are indicative. The responsibility of detailed investigation, design and compliance of contract provisions as per Employer's Requirement rests with the Contractor"



डेडीकेटेड फ्रेट कोरीडोर

DESIGN AND CONSTRUCTION OF CIVIL, STRUCTURES AND TRACK WORKS, INVOLVING FORMATION IN EMBANKMENT /CUTTING, BALLAST ON FORMATION, TRACK WORKS, BRIDGES, STRUCTURES, BUILDINGS, YARDS & INTEGRATION WITH INDIAN RAILWAY'S EXISTING RAILWAY SYSTEM AND TESTING & COMMISSIONING ON DESIGN-BUILD LUMP SUM BASIS OF KHURJA-PILKHANI SECTION (APPROXIMATELY 222 ROUTE KM OF SINGLE LINE) OF EASTERN DEDICATED FREIGHT CORRIDOR

CIVIL, STRUCTURES AND TRACK WORKS

Contract Package: 303

ICB No. HQ/EN/EC/D-B/KHURJA PILKHANI SECTION

PART - 4 - REFERENCE DOCUMENT

SECTIONAL DATA - VOLUME - 1

KHURJA TO PILKHANI

From Km 1367 (ALJN-GZB) to Km 187.500 (SRE-UMB)

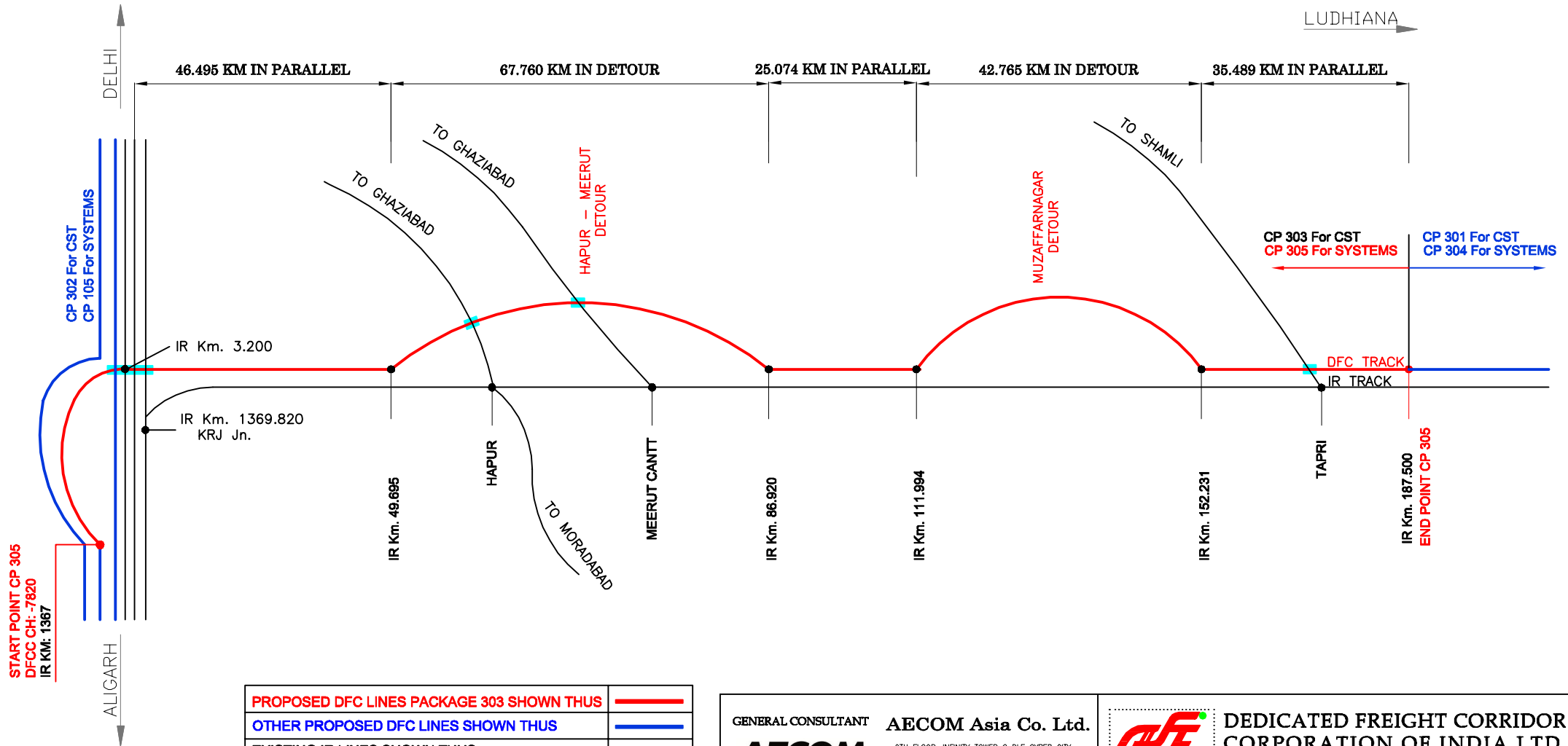
SECTIONAL DATA

EMPLOYER
DEDICATED FREIGHT CORRIDOR CORPORATION OF INDIA LIMITED
(A GOVERNMENT OF INDIA ENTERPRISES)
MINISTRY OF RAILWAYS
COUNTRY : INDIA

Contents Project Data	
S. No.	Title
1	Index
2	Brief of Section (Table No.-1)
3	Concordance Table (Table No.-2)
4	Details of ROB Modification (Table No.-3)
5	Details of Major Bridges (Table No.-4)
6	Details of RFOs (Table No.-5)
7	Details of Major RUBs (Table No.-6)
8	Details of Minor Bridges (Table No.-7)
9	Details of Minor RUBs (Table No.-8)
10	IR Level X-ings to be extended on DFC track (Table No.-9)
11	List of FOB/Subway to be Constructed/Modified/Extended (Table No.-10)
12	Land for Construction Depot (Table No.-11)
13	Details of Station of Existing IR Network (Table No-12)
14	Details of Crossing Station on DFC Route (Table No.-13)
15	Summary of Structures (Table No.-14)
16	Civil Utility List (Table No.-15)
17	Electrical Utility List (Table No.-16)
18	S&T Utility List (Table No.-17)

INDEX PLAN APL - 3 CONTRACT PACKAGE 305 (SHOWN IN RED)

EASTERN CORRIDOR



PROPOSED DFC LINES PACKAGE 303 SHOWN THUS	—
OTHER PROPOSED DFC LINES SHOWN THUS	—
EXISTING IR LINES SHOWN THUS	—
LOCATION OF RFOs	■

GENERAL CONSULTANT **AECOM Asia Co. Ltd.**
AECOM
 9TH FLOOR, INFINITY TOWER C DLF CYBER CITY
 DLF PHASE II GURGAON 122002, INDIA



DEDICATED FREIGHT CORRIDOR CORPORATION OF INDIA LTD.
 (A GOVERNMENT OF INDIA ENTERPRISE)

Table No. 1							
Contract Package 303							
Brief of the Section							
Route Length							
From	To	Parallel/ Detour	DFCC Chainage		Parallel Length (m)	Detour Length (m)	Remarks
			Start	End			
KRJ Detour	-	Detour	-7820	-2400		5.420	Only track shall be constructed from CH: (-) 7820 (IR 1367.00Km of NCR) to CH: (-) 2400. The earth work & bridges between said chainages will not be the part of the contract
KRJ Detour	-	Detour	-2400	0		2.400	Track work along with earthwork and Bridges will commence from Ch: (-) 2400 onwards
Khurja	Hafizpur	Parallel	3200	49695	46.495		DFCC Parallel to IR
Hafizpur	Daurala	Detour	0	67760		67.760	DFC (MTC Detour)
Daurala	Mansurpur	Parallel	86920	111994	25.074		DFCC Parallel to IR
Mansurpur	Deoband	Detour	0	42765		42.765	DFC (MOZ Detour)
Deoband	Pilkhani	Parallel	80951	116440	35.489		DFCC Parallel to IR
Total Length					107.058	112.925	
Grand Total (Khurja - Pilkhani Section)					219.983 KM (Excluding only track Linking portion of Khurja detour 5.420 Km)		

Table No.2					
Contract Package 303					
Concordance Table					
Sheet No.	Chainage shown in Project Sheet		Corresponding Railway KM		Remarks
	From Ch.	To Ch.	From KM	To KM	
1	-7820	0	1367 (NCR)	3.200	
2	3200	49695	3.200	49.695	
3	0	67760	49.695	86.920	Detour
4	86920	111994	86.920	111.994	
5	0	42765	111.994	152.231	Detour
6	80951	116440	152.231	187.500	

Table No.3					
Contract Package 303					
Details of ROB Modification					
Sr. No.	Section	Bridge No.	Proposed Location (DFCC Chainage)	Span Arrangement (m)	Remarks
1	New TPZ - New SRE	219A	109145	1X6X7.17	

Table No. 4				
Contract Package 303				
Details of Major Bridges				
Sr. No.	Bridge No.	Proposed Location (DFCC Chainage)	Span Arrangement (m)	Waterway
1	11	6950	3X6	18
2	32&32A	14508	6X18.3+2X30.5	170.8
3	85	33710	3X6	18
4	D/MTC 1	1171.946	1X45.7	45.7
5	D/MTC 4	2306.031	2X45.7	91.4
6	D/MTC 40	8976.57	1X18.3	18.3
7	D/MTC 139	27290	1X45.7	45.7
8	D/MTC 163	33050	1X18.3	18.3
9	D/MTC 180	38580	1X12.2	12.2
10	D/MTC 182	39120	1X12.2	12.2
11	D/MTC 190	41916	1X12.2	12.2
12	D/MTC 207	46635	1X12.2	12.2
13	D/MTC 212	48122	1X12.2	12.2
14	D/MTC 214	48405	1X12.2	12.2
15	D/MTC 217	49280	1X12.2	12.2
16	D/MTC 224	51670	1X12.2	12.2
17	D/MTC 237	55850	1X12.2	12.2
18	D/MTC 241	56780	1X45.7	45.7
19	D/MTC 246	58400	1X18.3	18.3
20	D/MTC 269	63570	1X18.3	18.3
21	D/MTC 282	65740	1X45.7	45.7
22	D/MTC 286	66435	1X12.2	12.2
23	154	102840	3X30.5	91.5
24	D/MOZ 4	1980	1X30.5+1X61+1X30.5	122
25	D/MOZ 12	6550	1X45.7	45.7
26	D/MOZ 25	11753	1X18.3	18.3
27	D/MOZ 30	14150	1X12.2	12.2
28	D/MOZ 37	17790	1X12.2	12.2
29	D/MOZ 59	25880	1X12.2	12.2
30	D/MOZ 61	26285	1X18.3	18.3
31	D/MOZ 71	27960	1X18.3	18.3
32	D/MOZ 81	29985	1X12.2	12.2
33	D/MOZ 90	32300	1X12.2	12.2
34	D/MOZ 104	34600	1X12.2	12.2
35	210	101275	4X30.5	122
36	219	108719	3X24.4	73.2
37	227	113415	1X24.4	24.4
Total No. of Major Bridge = 37				
Note:- The bridges in the station yards shall be constructed to cater to the number of Railway tracks as shown in the ESP of the respective station yards.				

Table No. 5**Contract Package 303****Details of RFOs**

Sr. No.	Section	Bridge No.	Proposed Location (DFCC Chainage)	Formation Level (m)	Span Arrangment (m)	Remarks
1	KRJ Detour	1	(-) 1549.69	206.828	1X9.15+1X48+1X24. 4	
2	New HPU - New PKW	2	14069.707	224.932	1X30.5+2X9.15	
3	New MUZ - New PRTP	3	34986	231.939	1X45.7+2X9.15	
4	New TPZ - New SRE	4	102200	279.778	1X24.4+2X9.15	
Total no of RFO's : 04						

Table No. 6				
Contract Package 303				
Details of Major RUBs				
Sr. No.	Section	Bridge No.	Proposed Location	Span Arrangement
1	New GLH - New HPU	D/MTC 3	2108.937	2X90.0
2	New GLH - New HPU	D/MTC 19	4760.010	1X12.2
3	New GLH - New HPU	D/MTC 27	6608.294	1X12.2
4	New HPU - New PKW	D/MTC 55	10973.491	1X12.2
5	New HPU - New PKW	D/MTC 69	13841.917	2X61.0
6	New HPU - New PKW	D/MTC 90	17480.000	1X12.2
7	New HPU - New PKW	D/MTC 92	17750.165	1X12.2
8	New PKW - New MUZ	D/MTC 115	21550.000	1X45.7
9	New PKW - New MUZ	D/MTC 120	22850.000	1X18.3
10	New PKW - New MUZ	D/MTC 138	27050.000	2X61.0
11	New PKW - New MUZ	D/MTC 144	28455.520	1X12.2
12	New PKW - New MUZ	D/MTC 146	28880.000	1X12.2
13	New MUZ - New PRTP	D/MTC 162	32630.000	1X12.2
14	New MUZ - New PRTP	D/MTC 171	35549.000	2X45.7
15	New PRTP - New MUT	D/MTC 198	43900.000	1X30.5
16	New PRTP - New MUT	D/MTC 206	46362.000	1X30.5
17	New PRTP - New MUT	D/MTC 215	48536.530	2X30.5
18	New MUT - New DRLA	D/MTC 235	54825.000	1X30.5
19	New MUT - New DRLA	D/MTC 244	57555.000	1X30.5
20	New DRLA - New SKF	D/MTC 273	64270.000	1X30.5
21	New MSP - New JDW	D/MOZ 3	1790.000	2X45.7
22	New JDW - New MOZ	D/MOZ 11	6016.000	1X12.2
23	New JDW - New MOZ	D/MOZ 22	10540.000	1X45.7
24	New JDW - New MOZ	D/MOZ 26	12147.000	1X30.5
25	New JDW - New MOZ	D/MOZ 28	13260.000	1X30.5
26	New MOZ - New RNA	D/MOZ 33	15800.000	1X30.5
27	New MOZ - New RNA	D/MOZ 50	21534.000	1X18.3
28	New RNA - New DBD	D/MOZ 52	23420.000	1X12.2
29	New RNA - New DBD	D/MOZ 55	24269.000	1X18.3
30	New RNA - New DBD	D/MOZ 74	28840.000	1X18.3
31	New RNA - New DBD	D/MOZ 82	30236.000	1X18.3
32	New RNA - New DBD	D/MOZ 84	30787.000	1X12.2
33	New RNA - New DBD	D/MOZ 88	31820.000	1X18.3
34	New DBD - New THJ	D/MOZ 105	34920.000	1X12.2
35	New DBD - New THJ	D/MOZ 111	36595.011	1X30.5
36	New DBD - New THJ	D/MOZ 118	38170.000	1X12.2
37	New DBD - New THJ	D/MOZ 120	38930.000	1X30.5
38	New DBD - New THJ	D/MOZ 128	40960.000	1X12.2
Total No. of Major RUBs = 38				

TABLE NO. 7

CONTRACT PACKAGE- 303

Details of Minor Bridges

Sr. No.	Section	Bridge No	DFC CHAINAGE	SPAN Arrangeent (m)	REMARKS
1	KRJ Detour	KRJ-3	-2348	1X2X2	
2	KRJ Detour	KRJ-2	-1750	1X2X4	
3	KRJ Detour	KRJ-1	-800	1X3X3	
4	KRJ Detour	3	-84	1X4X1.2	
5	KRJ Detour	4	3813	2X1.2X1.2	
6	KRJ Detour	5	3938	1X1.2X1.2	
7	KRJ Detour	6	4366	1X1.2X1.2	
8	New KJY - New MOM	7	5513	1X1.2X2	
9	New KJY - New MOM	8	5698	1X4X2	
10	New KJY - New MOM	9	5948	1X2X1.2	
11	New KJY - New MOM	10	6050	1X4X1.2	
12	New KJY - New MOM	12	7072	1X4X2	
13	New KJY - New MOM	13	7170	1X1.2X1.2	
14	New KJY - New MOM	14	7212	1X1.2X1.2	
15	New KJY - New MOM	15	8090	1X1.2X1.2	
16	New KJY - New MOM	16	8340	1X1.2X1.2	
17	New KJY - New MOM	17	8543	1X1.2X1.2	
18	New KJY - New MOM	18	9036	2X1.2X1.2	
19	New KJY - New MOM	19	9207	1X1.2X1.2	
20	New KJY - New MOM	20	9993	2X4X2	
21	New KJY - New MOM	21	11104	2X2X3	
22	New KJY - New MOM	22	11588	1X1.2X1.2	
23	New KJY - New MOM	23	12292	1X2X1.2	
24	New KJY - New MOM	24	12328	1X1.2X1.2	
25	New KJY - New MOM	25	12576	1X1.2X1.2	
26	New KJY - New MOM	26	12688	1X4X2	
27	New KJY - New MOM	27	12981	1X1.2X1.2	
28	New KJY - New MOM	28	13275	1X1.2X1.2	
29	New KJY - New MOM	29	13416	1X1.2X1.2	
30	New KJY - New MOM	30	13739	1X4X3	
31	New KJY - New MOM	31	14383	1X1.2X2	
32	New KJY - New MOM	33	14727	2X1.2X2	
33	New KJY - New MOM	34	14995	1X1.2X2	
34	New KJY - New MOM	35	15305	1X1.2X2	
35	New KJY - New MOM	36	16237	1X6X3	
36	New KJY - New MOM	37	16458	1X1.2X1.2	

TABLE NO. 7**CONTRACT PACKAGE- 303****Details of Minor Bridges**

Sr. No.	Section	Bridge No	DFC CHAINAGE	SPAN Arrangeent (m)	REMARKS
37	New MOM - New BSC	38	16890	1X4X3	
38	New MOM - New BSC	39	17170	1X1.2X1.2	
39	New MOM - New BSC	40	17232	1X1.2X1.2	
40	New MOM - New BSC	41	17327	1X1.2X2	
41	New MOM - New BSC	42	17622	1X2X2	
42	New MOM - New BSC	43	17879	1X1.2X1.2	
43	New MOM - New BSC	44	18290	1X4X2	
44	New MOM - New BSC	45	18335	1X1.2X1.2	
45	New MOM - New BSC	46	18683	1X1.2X2	
46	New MOM - New BSC	47	19231	1X1.2X2	
47	New MOM - New BSC	48	19403	1X1.2X1.2	
48	New MOM - New BSC	49	19698	1X4X2	
49	New MOM - New BSC	50	19908	1X1.2X1.2	
50	New MOM - New BSC	51	20305	1X1.2X2	
51	New MOM - New BSC	52	20853	1X2X2	
52	New MOM - New BSC	53	21235	1X1.2X1.2	
53	New MOM - New BSC	54	21625	1X1.2X1.2	
54	New MOM - New BSC	55	21775	1X1.2X1.2	
55	New MOM - New BSC	56	22018	1X2X1.2	
56	New MOM - New BSC	57	22253	2X4X2	
57	New MOM - New BSC	58	23033	1X2X1.2	
58	New MOM - New BSC	59	23070	1X1.2X1.2	
59	New MOM - New BSC	60	23574	2X4X3	
60	New MOM - New BSC	61	24040	1X1.2X1.2	
61	New MOM - New BSC	62	24350	1X1.2X1.2	
62	New MOM - New BSC	63	24558	2X1.2X1.2	
63	New MOM - New BSC	64	24599	1X1.2X1.2	
64	New MOM - New BSC	65	24720	1X1.2X1.2	
65	New MOM - New BSC	66	24763	1X1.2X1.2	
66	New MOM - New BSC	67	25075	1X1.2X1.2	
67	New MOM - New BSC	68	25405	1X1.2X1.2	
68	New MOM - New BSC	69	25616	1X1.2X2	
69	New MOM - New BSC	70	25901	1X1.2X2	
70	New MOM - New BSC	71	26163	1X1.2X2	
71	New MOM - New BSC	72	26525	1X2X2	
72	New BSC - New CHWT	73	26675	1X2X2	

TABLE NO. 7

CONTRACT PACKAGE- 303

Details of Minor Bridges

Sr. No.	Section	Bridge No	DFC CHAINAGE	SPAN Arrangeent (m)	REMARKS
73	New BSC - New CHWT	74	27207	2X2X4	
74	New BSC - New CHWT	75	28878	1X4X3	
75	New BSC - New CHWT	76	29540	1X2X2	
76	New BSC - New CHWT	77	29992	1X1.2X1.2	
77	New BSC - New CHWT	78	30555	1X1.2X1.2	
78	New BSC - New CHWT	79	30426	1X1.2X1.2	
79	New BSC - New CHWT	80	30913	1X4X3	
80	New BSC - New CHWT	81	31428	2X4X3	
81	New BSC - New CHWT	82	31760	1X2X2	
82	New BSC - New CHWT	83	32506	2X1.2X2	
83	New BSC - New CHWT	84	32956	1X1.2X1.2	
84	New BSC - New CHWT	86	34403	2X4X4	
85	New BSC - New CHWT	87	35680	1X1.2X1.2	
86	New BSC - New CHWT	88	36643	1X1.2X1.2	
87	New BSC - New CHWT	89	37625	1X1.2X1.2	
88	New CHWT - New GLH	90	38670	1X1.2X1.2	
89	New CHWT - New GLH	91	39030	1X1.2X1.2	
90	New CHWT - New GLH	92	39740	1X1.2X1.2	
91	New CHWT - New GLH	93	40240	1X1.2X2	
92	New CHWT - New GLH	94	41003	1X1.2X2	
93	New CHWT - New GLH	95	41182	1X1.2X1.2	
94	New CHWT - New GLH	96	41433	1X1.2X1.2	
95	New CHWT - New GLH	97	41739	1X1.2X1.2	
96	New CHWT - New GLH	98	42308	1X1.2X1.2	
97	New CHWT - New GLH	99	42483	1X2X2	
98	New CHWT - New GLH	100	42780	1X1.2X1.2	
99	New CHWT - New GLH	101	42975	1X1.2X1.2	
100	New CHWT - New GLH	102	43232	1X1.2X1.2	
101	New CHWT - New GLH	103	43470	1X1.2X1.2	
102	New CHWT - New GLH	104	43638	1X1.2X1.2	
103	New CHWT - New GLH	105	44055	1X1.2X1.2	
104	New CHWT - New GLH	106	44857	1X1.2X1.2	
105	New CHWT - New GLH	107	45068	1X1.2X1.2	
106	New CHWT - New GLH	108	45295	1X1.2X1.2	
107	New CHWT - New GLH	109	45455	1X3X3	
108	New CHWT - New GLH	110	45590	1X3X2	

TABLE NO. 7

CONTRACT PACKAGE- 303

Details of Minor Bridges

Sr. No.	Section	Bridge No	DFC CHAINAGE	SPAN Arrangeent (m)	REMARKS
109	New CHWT - New GLH	111	45902	1X1.2X1.2	
110	New CHWT - New GLH	112	46118	1X1.2X1.2	
111	New CHWT - New GLH	113	46341	1X1.2X1.2	
112	New CHWT - New GLH	114	46676	1X2X1.2	
113	New CHWT - New GLH	115	46859	1X1.2X1.2	
114	New CHWT - New GLH	116	47236	1X1.2X1.2	
115	New CHWT - New GLH	117	47581	1X1.2X1.2	
116	New CHWT - New GLH	118	47694	1X1.2X1.2	
117	New GLH - New HPU	119	47914	1X1.2X1.2	
118	New GLH - New HPU	120	48404	1X1.2X2	
119	New GLH - New HPU	121	49504	1X1.2X1.2	
120	New GLH - New HPU	D/MTC 6	2873.030	1X1.2X1.2	
121	New GLH - New HPU	D/MTC 10	3604.419	1X1.2X1.2	
122	New GLH - New HPU	D/MTC 12	3995.123	1X1.2X1.2	
123	New GLH - New HPU	D/MTC 14	4257.061	1X1.2X1.2	
124	New GLH - New HPU	D/MTC 15	4323.982	1X1.2X1.2	
125	New GLH - New HPU	D/MTC 17	4498.818	1X1.2X1.2	
126	New GLH - New HPU	D/MTC 18	4651.973	1X3.0X3.0	
127	New GLH - New HPU	D/MTC 21	5340.000	1X1.2X1.2	
128	New GLH - New HPU	D/MTC 23	5556.909	1X1.2X1.2	
129	New GLH - New HPU	D/MTC 24	5817.992	1X1.2X1.2	
130	New GLH - New HPU	D/MTC 26	6211.971	1X1.2X1.2	
131	New GLH - New HPU	D/MTC 28	6725.689	1X1.2X1.2	
132	New GLH - New HPU	D/MTC 29	6954.869	1X1.2X1.2	
133	New GLH - New HPU	D/MTC 31	7283.887	1X1.2X1.2	
134	New GLH - New HPU	D/MTC 33	7602.662	1X3.0X3.0	
135	New GLH - New HPU	D/MTC 34	7965.910	1X1.2X1.2	
136	New GLH - New HPU	D/MTC 36	8369.130	1X1.2X1.2	
137	New GLH - New HPU	D/MTC 39	8865.075	1X1.2X1.2	
138	New GLH - New HPU	D/MTC 42	9131.184	1X1.2X1.2	
139	New GLH - New HPU	D/MTC 43	9435.503	1X1.2X1.2	
140	New GLH - New HPU	D/MTC 45	9546.632	1X1.2X1.2	
141	New GLH - New HPU	D/MTC 47	9739.747	1X1.2X1.2	
142	New GLH - New HPU	D/MTC 48	10025.156	1X1.2X1.2	
143	New GLH - New HPU	D/MTC 50	10261.507	1X1.2X1.2	
144	New HPU - New PKW	D/MTC 52	10514.831	1X1.2X1.2	

TABLE NO. 7**CONTRACT PACKAGE- 303****Details of Minor Bridges**

Sr. No.	Section	Bridge No	DFC CHAINAGE	SPAN Arrangeent (m)	REMARKS
145	New HPU - New PKW	D/MTC 53	10724.863	1X1.2X1.2	
146	New HPU - New PKW	D/MTC 54	10893.890	1X1.2X1.2	
147	New HPU - New PKW	D/MTC 56	11041.130	1X1.2X1.2	
148	New HPU - New PKW	D/MTC 59	12466.912	1X1.2X1.2	
149	New HPU - New PKW	D/MTC 61	12787.231	1X1.2X1.2	
150	New HPU - New PKW	D/MTC 63	12940.793	1X1.2X1.2	
151	New HPU - New PKW	D/MTC 65	13143.877	1X1.2X1.2	
152	New HPU - New PKW	D/MTC 66	13466.235	1X1.2X1.2	
153	New HPU - New PKW	D/MTC 68	13705.712	1X1.2X1.2	
154	New HPU - New PKW	D/MTC 71	14222.685	1X1.2X1.2	
155	New HPU - New PKW	D/MTC 73	14643.552	1X1.2X1.2	
156	New HPU - New PKW	D/MTC 74	14795.972	1X1.2X1.2	
157	New HPU - New PKW	D/MTC 76	14826.857	1X1.2X1.2	
158	New HPU - New PKW	D/MTC 77	15045.318	1X1.2X1.2	
159	New HPU - New PKW	D/MTC 79	15388.241	1X3.0X3.0	
160	New HPU - New PKW	D/MTC 80	15638.878	1X1.2X1.2	
161	New HPU - New PKW	D/MTC 82	16021.318	1X1.2X1.2	
162	New HPU - New PKW	D/MTC 84	16207.735	1X1.2X1.2	
163	New HPU - New PKW	D/MTC 86	16578.027	1X1.2X1.2	
164	New HPU - New PKW	D/MTC 87	16815.826	1X1.2X1.2	
165	New HPU - New PKW	D/MTC 91	17606.459	1X1.2X1.2	
166	New HPU - New PKW	D/MTC 94	18380.027	1X1.2X1.2	
167	New HPU - New PKW	D/MTC 95	18450.591	1X1.2X1.2	
168	New HPU - New PKW	D/MTC 97	18503.593	1X1.2X1.2	
169	New HPU - New PKW	D/MTC 98	18657.508	1X1.2X1.2	
170	New HPU - New PKW	D/MTC 99	18854.471	1X1.2X1.2	
171	New HPU - New PKW	D/MTC 100	19005.492	1X1.2X1.2	
172	New HPU - New PKW	D/MTC 102	19475.000	1X1.2X1.2	
173	New HPU - New PKW	D/MTC 103	19585.000	1X1.2X1.2	
174	New PKW - New MUZ	D/MTC 105	19960.000	1X1.2X1.2	
175	New PKW - New MUZ	D/MTC 106	20242.000	1X1.2X1.2	
176	New PKW - New MUZ	D/MTC 108	20422.000	1X1.2X1.2	
177	New PKW - New MUZ	D/MTC 109	20622.500	1X1.2X1.2	
178	New PKW - New MUZ	D/MTC 110	20715.500	1X1.2X1.2	
179	New PKW - New MUZ	D/MTC 112	20939.500	1X1.2X1.2	
180	New PKW - New MUZ	D/MTC 113	21180.000	1X3.0X3.0	

TABLE NO. 7

CONTRACT PACKAGE- 303

Details of Minor Bridges

Sr. No.	Section	Bridge No	DFC CHAINAGE	SPAN Arrangeent (m)	REMARKS
181	New PKW - New MUZ	D/MTC 114	21355.000	1X1.2X1.2	
182	New PKW - New MUZ	D/MTC 116	21721.000	1X1.2X1.2	
183	New PKW - New MUZ	D/MTC 118	22411.000	1X1.2X1.2	
184	New PKW - New MUZ	D/MTC 119	22650.000	1X1.2X1.2	
185	New PKW - New MUZ	D/MTC 122	23360.000	1X3.0X3.0	
186	New PKW - New MUZ	D/MTC 123	23588.000	1X1.2X1.2	
187	New PKW - New MUZ	D/MTC 125	23956.000	1X1.2X1.2	
188	New PKW - New MUZ	D/MTC 126	24322.000	1X1.2X1.2	
189	New PKW - New MUZ	D/MTC 127	24418.000	1X1.2X1.2	
190	New PKW - New MUZ	D/MTC 128	24776.000	1X1.2X1.2	
191	New PKW - New MUZ	D/MTC 129	24915.000	1X1.2X1.2	
192	New PKW - New MUZ	D/MTC 132	25916.000	1X1.2X1.2	
193	New PKW - New MUZ	D/MTC 133	26262.000	1X1.2X1.2	
194	New PKW - New MUZ	D/MTC 135	26534.500	1X1.2X1.2	
195	New PKW - New MUZ	D/MTC 137	26895.500	1X1.2X1.2	
196	New PKW - New MUZ	D/MTC 140	27512.500	1X1.2X1.2	
197	New PKW - New MUZ	D/MTC 142	27836.500	1X1.2X1.2	
198	New PKW - New MUZ	D/MTC 143	28292.530	1X3X3	
199	New PKW - New MUZ	D/MTC 145	28677.000	1X1.2X1.2	
200	New PKW - New MUZ	D/MTC 148	29665.000	1X1.2X1.2	
201	New PKW - New MUZ	D/MTC 149A	29928.430	1X1.2X1.2	
202	New PKW - New MUZ	D/MTC 151	30310.000	1X1.2X1.2	
203	New PKW - New MUZ	D/MTC 153	30553.000	1X3.0X3.0	
204	New PKW - New MUZ	D/MTC 154	30770.000	1X1.2X1.2	
205	New MUZ - New PRTP	D/MTC 156	31490.000	1X3.0X3.0	
206	New MUZ - New PRTP	D/MTC 158	32000.000	1X3.0X3.0	
207	New MUZ - New PRTP	D/MTC 159	32093.000	1X3.0X3.0	
208	New MUZ - New PRTP	D/MTC 161	32402.000	1X3.0X3.0	
209	New MUZ - New PRTP	D/MTC 164	33830.000	1X3.0X3.0	
210	New MUZ - New PRTP	D/MTC 165	34110.000	1X1.2X1.2	
211	New MUZ - New PRTP	D/MTC 169	34832.000	1X1.2X1.2	
212	New MUZ - New PRTP	D/MTC 172	35778.000	1X3.0X3.0	
213	New MUZ - New PRTP	D/MTC 173	36038.000	1X3.0X3.0	
214	New MUZ - New PRTP	D/MTC 175	36581.000	1X1.2X1.2	
215	New MUZ - New PRTP	D/MTC 179	37910.000	1X1.2X1.2	
216	New PRTP - New MUT	D/MTC 187	40805.000	1X3.0X3.0	

TABLE NO. 7

CONTRACT PACKAGE- 303

Details of Minor Bridges

Sr. No.	Section	Bridge No	DFC CHAINAGE	SPAN Arrangeent (m)	REMARKS
217	New PRTP - New MUT	D/MTC 187A	41004.570	1X1.2X1.2	
218	New PRTP - New MUT	D/MTC 191	42228.000	1X1.2X1.2	
219	New PRTP - New MUT	D/MTC 192	42464.000	1X1.2X1.2	
220	New PRTP - New MUT	D/MTC 193	42660.000	1X1.2X1.2	
221	New PRTP - New MUT	D/MTC 194	43186.000	1X1.2X1.2	
222	New PRTP - New MUT	D/MTC 196	43427.000	1X3.0X3.0	
223	New PRTP - New MUT	D/MTC 201	45570.000	1X1.2X1.2	
224	New PRTP - New MUT	D/MTC 203	45950.000	1X3.0X3.0	
225	New PRTP - New MUT	D/MTC 204	46178.000	1X3.0X3.0	
226	New PRTP - New MUT	D/MTC 205	46267.540	1X1.2X1.2	
227	New PRTP - New MUT	D/MTC 208	46840.000	1X3.0X3.0	
228	New PRTP - New MUT	D/MTC 210	47696.000	1X1.2X1.2	
229	New PRTP - New MUT	D/MTC 213	48274.920	1X1.2X1.2	
230	New PRTP - New MUT	D/MTC 219A	50661.000	1X1.2X1.2	
231	New PRTP - New MUT	D/MTC 221	50830.000	1X1.2X1.2	
232	New PRTP - New MUT	D/MTC 222	51000.000	1X1.2X1.2	
233	New MUT - New DRLA	D/MTC 225	52283.000	1X1.2X1.2	
234	New MUT - New DRLA	D/MTC 226	52424.000	1X3.0X3.0	
235	New MUT - New DRLA	D/MTC 228	52640.000	1X3.0X3.0	
236	New MUT - New DRLA	D/MTC 229	52761.000	1X3.0X3.0	
237	New MUT - New DRLA	D/MTC 230A	53000.000	1X1.2X1.2	
238	New MUT - New DRLA	D/MTC 234	54193.000	1X1.2X1.2	
239	New MUT - New DRLA	D/MTC 238	55926.000	1X3.0X3.0	
240	New MUT - New DRLA	D/MTC 240	56600.000	1X3.0X3.0	
241	New MUT - New DRLA	D/MTC 242	57235.000	1X3.0X3.0	
242	New MUT - New DRLA	D/MTC 243	57377.790	1X3.0X3.0	
243	New MUT - New DRLA	D/MTC 247A	58701.070	1X1.2X1.2	
244	New MUT - New DRLA	D/MTC 250	59437.000	1X3.0X3.0	
245	New MUT - New DRLA	D/MTC 252	60283.000	1X1.2X1.2	
246	New MUT - New DRLA	D/MTC 254	60435.000	1X1.2X1.2	
247	New DRLA - New SKF	D/MTC 256	61030.000	1X1.2X1.2	
248	New DRLA - New SKF	D/MTC 259	61814.000	1X1.2X1.2	
249	New DRLA - New SKF	D/MTC 260	62071.520	1X1.2X1.2	
250	New DRLA - New SKF	D/MTC 261	62163.000	1X1.2X1.2	
251	New DRLA - New SKF	D/MTC 262	62286.000	1X3.0X3.0	
252	New DRLA - New SKF	D/MTC 264	62549.000	1X1.2X1.2	

TABLE NO. 7**CONTRACT PACKAGE- 303****Details of Minor Bridges**

Sr. No.	Section	Bridge No	DFC CHAINAGE	SPAN Arrangeent (m)	REMARKS
253	New DRLA - New SKF	D/MTC 265	62760.000	1X1.2X1.2	
254	New DRLA - New SKF	D/MTC 266	62956.000	1X1.2X1.2	
255	New DRLA - New SKF	D/MTC 267	63148.000	1X1.2X1.2	
256	New DRLA - New SKF	D/MTC 271	63944.220	1X1.2X1.2	
257	New DRLA - New SKF	D/MTC 275	64440.000	1X1.2X1.2	
258	New DRLA - New SKF	D/MTC 276	65026.000	1X3.0X3.0	
259	New DRLA - New SKF	D/MTC 277	65136.000	1X1.2X1.2	
260	New DRLA - New SKF	D/MTC 279	65550.000	1X3.0X3.0	
261	New DRLA - New SKF	D/MTC 280	65676.000	1X1.2X1.2	
262	New DRLA - New SKF	D/MTC 283	65987.000	1X1.2X1.2	
263	New DRLA - New SKF	D/MTC 285	66194.000	1X1.2X1.2	
264	New DRLA - New SKF	D/MTC 287	66541.180	1X1.2X1.2	
265	New DRLA - New SKF	D/MTC 288	66622.770	1X1.2X1.2	
266	New DRLA - New SKF	D/MTC 289	66769.000	1X1.2X1.2	
267	New DRLA - New SKF	134	86926	1X1.2X1.2	
268	New SKF - New KAT	135	88604	2X1.2X1.2	
269	New SKF - New KAT	136	89534	1X1.2X1.2	
270	New SKF - New KAT	137	90429	1X1.2X1.2	
271	New SKF - New KAT	140	91848	1X1.2X1.2	
272	New SKF - New KAT	141	92241	1X1.2X1.2	
273	New SKF - New KAT	142	92502	1X1.2X1.2	
274	New SKF - New KAT	143	92700	1X1.2X1.2	
275	New SKF - New KAT	144	94585	1X3X3	
276	New SKF - New KAT	145	95153	1X1.2X1.2	
277	New SKF - New KAT	146	95892	2X2X1.2	
278	New SKF - New KAT	147	96147	1X1.2X1.2	
279	New SKF - New KAT	148	96946	1X1.2X1.2	
280	New KAT - New MSP	149	97783	1X1.2X1.2	
281	New KAT - New MSP	150	98921	1X6X2	
282	New KAT - New MSP	151	99442	1X1.2X1.2	
283	New KAT - New MSP	152	99667	1X1.2X1.2	
284	New KAT - New MSP	153	99909	1X1.2X1.2	
285	New KAT - New MSP	154A	103715	1X3X3	New
286	New KAT - New MSP	155	103868	2X4X4	
287	New KAT - New MSP	156	104742	1X1.2X1.2	
288	New KAT - New MSP	157	105501	1X1.2X1.2	

TABLE NO. 7

CONTRACT PACKAGE- 303

Details of Minor Bridges

Sr. No.	Section	Bridge No	DFC CHAINAGE	SPAN Arrangeent (m)	REMARKS
289	New KAT - New MSP	158	106138	1X1.2X1.2	
290	New KAT - New MSP	159	106764	1X1.2X1.2	
291	New KAT - New MSP	160	107000	2X4X2	
292	New MSP - New JDW	161	108014	1X2X2	
293	New MSP - New JDW	162	108161	1X2X2	
294	New MSP - New JDW	163	110820	1X1.2X1.2	
295	New MSP - New JDW	164	111112	1X6X2	
296	New MSP - New JDW	D/MOZ 1	0	1X1.2X1.2	
297	New MSP - New JDW	D/MOZ 4B	2451.46	1X1.2X1.2	
298	New JDW - New MOZ	D/MOZ 17	8810	1X1.2X1.2	
299	New JDW - New MOZ	D/MOZ 18	9061.033	1X1.2X1.2	
300	New JDW - New MOZ	D/MOZ 19	9679.03	1X1.2X1.2	
301	New JDW - New MOZ	D/MOZ 20A	10001.21	1X1.2X1.2	
302	New JDW - New MOZ	D/MOZ 21	10204	1X1.2X1.2	
303	New JDW - New MOZ	D/MOZ 24	10988	1X1.2X1.2	
304	New JDW - New MOZ	D/MOZ 27	12991.395	1X3X3	
305	New JDW - New MOZ	D/MOZ 29	13783	1X1.2X1.2	
306	New JDW - New MOZ	D/MOZ 31A	14542.15	1X1.2X1.2	
307	New JDW - New MOZ	D/MOZ 31B	14940.55	1X1.2X1.2	
308	New MOZ - New RNA	D/MOZ 33A	16137.4	1X1.2X1.2	
309	New MOZ - New RNA	D/MOZ 34	16528	1X1.2X1.2	
310	New MOZ - New RNA	D/MOZ 38	18380	1X1.2X1.2	
311	New MOZ - New RNA	D/MOZ 39	18662	1X1.2X1.2	
312	New MOZ - New RNA	D/MOZ 40	18900	1X1.2X1.2	
313	New MOZ - New RNA	D/MOZ 42	19486	1X1.2X1.2	
314	New MOZ - New RNA	D/MOZ 44	20353.249	1X1.2X1.2	
315	New MOZ - New RNA	D/MOZ 46	20673.163	1X1.2X1.2	
316	New MOZ - New RNA	D/MOZ 48	20798.295	1X1.2X1.2	
317	New MOZ - New RNA	D/MOZ 49	21360	1X1.2X1.2	
318	New MOZ - New RNA	D/MOZ 51A	22588.95	1X1.2X1.2	
319	New RNA - New DBD	D/MOZ 52A	23718.1	1X1.2X1.2	
320	New RNA - New DBD	D/MOZ 54	23915	1X1.2X1.2	
321	New RNA - New DBD	D/MOZ 58	25337.094	1X1.2X1.2	
322	New RNA - New DBD	D/MOZ 60	26179.517	1X1.2X1.2	
323	New RNA - New DBD	D/MOZ 62	26446.936	1X1.2X1.2	
324	New RNA - New DBD	D/MOZ 63	26622.833	1X1.2X1.2	

TABLE NO. 7

CONTRACT PACKAGE- 303

Details of Minor Bridges

Sr. No.	Section	Bridge No	DFC CHAINAGE	SPAN Arrangeent (m)	REMARKS
325	New RNA - New DBD	D/MOZ 64	26761.669	1X1.2X1.2	
326	New RNA - New DBD	D/MOZ 66	27187.608	1X1.2X1.2	
327	New RNA - New DBD	D/MOZ 67	27493	1X1.2X1.2	
328	New RNA - New DBD	D/MOZ 69	27648.655	1X1.2X1.2	
329	New RNA - New DBD	D/MOZ 70	27854.000	1X1.2X1.2	
330	New RNA - New DBD	D/MOZ 72	28278.000	1X1.2X1.2	
331	New RNA - New DBD	D/MOZ 73	28711.462	1X6X6	
332	New RNA - New DBD	D/MOZ 75	29125.000	1X1.2X1.2	
333	New RNA - New DBD	D/MOZ 76	29300	1X3X3	
334	New RNA - New DBD	D/MOZ 79	29684	1X1.2X1.2	
335	New RNA - New DBD	D/MOZ 83	30371.543	1X1.2X1.2	
336	New RNA - New DBD	D/MOZ 85	30848	1X1.2X1.2	
337	New RNA - New DBD	D/MOZ 86	31424	1X1.2X1.2	
338	New RNA - New DBD	D/MOZ 87	31715	1X1.2X1.2	
339	New RNA - New DBD	D/MOZ 89	31991.073	1X1.2X1.2	
340	New RNA - New DBD	D/MOZ 91A	32584.000	1X1.2X1.2	
341	New RNA - New DBD	D/MOZ 92	32620	1X1.2X1.2	
342	New RNA - New DBD	D/MOZ 93	32875	1X1.2X1.2	
343	New RNA - New DBD	D/MOZ 95	33025.486	1X1.2X1.2	
344	New DBD - New THJ	D/MOZ 96	33305.000	1X1.2X1.2	
345	New DBD - New THJ	D/MOZ 98	33734	1X1.2X1.2	
346	New DBD - New THJ	D/MOZ 99	33990	1X1.2X1.2	
347	New DBD - New THJ	D/MOZ 100	34254	1X3X3	
348	New DBD - New THJ	D/MOZ 102	34305	1X1.2X1.2	
349	New DBD - New THJ	D/MOZ 103	34524	1X1.2X1.2	
350	New DBD - New THJ	D/MOZ 106	35262	1X6X6	
351	New DBD - New THJ	D/MOZ 108	35707.15	1X1.2X1.2	
352	New DBD - New THJ	D/MOZ 110A	36545	1X6X3	New
353	New DBD - New THJ	D/MOZ 113	37208	1X1.2X1.2	
354	New DBD - New THJ	D/MOZ 115	37680	1X3X3	
355	New DBD - New THJ	D/MOZ 116	37826	1X3X3	
356	New DBD - New THJ	D/MOZ 117	37937	1X3X3	
357	New DBD - New THJ	D/MOZ 121	39260	1X1.2X1.2	
358	New DBD - New THJ	D/MOZ 123	39896	1X1.2X1.2	
359	New DBD - New THJ	D/MOZ 125	40100	1X1.2X1.2	
360	New DBD - New THJ	D/MOZ 125A	40386	1X1.2X1.2	

TABLE NO. 7**CONTRACT PACKAGE- 303****Details of Minor Bridges**

Sr. No.	Section	Bridge No	DFC CHAINAGE	SPAN Arrangeent (m)	REMARKS
361	New DBD - New THJ	D/MOZ 127	40670	1X3X3	
362	New DBD - New THJ	D/MOZ 129	41048.528	1X1.2X1.2	
363	New DBD - New THJ	D/MOZ 130	41164.000	1X1.2X1.2	
364	New DBD - New THJ	D/MOZ 131	41374	1X1.2X1.2	
365	New DBD - New THJ	D/MOZ 133	41614	1X1.2X1.2	
366	New DBD - New THJ	D/MOZ 134	41874	1X1.2X1.2	
367	New DBD - New THJ	201	82243	4X3X3	
368	New DBD - New THJ	201B	82268	4X3X3	
369	New DBD - New THJ	201A	82758	1X6X2	
370	New DBD - New THJ	202	82923	1X6X2	
371	New THJ - New TPZ	203	85067.664	1X3X1.2	
372	New THJ - New TPZ	204	86683.46	1X3X1.2	
373	New THJ - New TPZ	205	87857.348	1X3X1.2	
374	New THJ - New TPZ	206	89709.387	1X3X1.2	
375	New THJ - New TPZ	207	91634.406	1X3X1.2	
376	New THJ - New TPZ	208	96750.679	2X3X1.2	
377	New THJ - New TPZ	209	98072.039	1X2X1.2	
378	New TPZ - New SRE	211	101774	1X6X4	
379	New TPZ - New SRE	212	103909	1X1.2X1.2	
380	New TPZ - New SRE	213	104284	1X1.2X1.2	
381	New TPZ - New SRE	214	104339	1X1.2X1.2	
382	New TPZ - New SRE	215	105043	1X1.2X1.2	
383	New TPZ - New SRE	216	107071	1X2X2	
384	New TPZ - New SRE	217	107915	1X6.1X3	
385	New TPZ - New SRE	218	108073	1X1.2X1.2	
386	New TPZ - New SRE	220	109284	1X1.2X1.2	
387	New TPZ - New SRE	221	110842	1X2X2	
388	New TPZ - New SRE	223	111800	1X3X3	
389	New TPZ - New SRE	225	112271	1X1.2X1.2	
390	New SRE- New PKY	226	112886	1X2X2	
391	New SRE- New PKY	227A	113548	1X2X2	
392	New SRE- New PKY	228	114219	1X2X2	
393	New SRE- New PKY	229	114961	1X2X2	
394	New SRE- New PKY	231	115538	1X6.1X2.70	
395	New SRE- New PKY	232	115689	1X3.66X3	

Total No. of Minor Bridge = 395

TABLE NO. 7**CONTRACT PACKAGE- 303****Details of Minor Bridges**

Sr. No.	Section	Bridge No	DFC CHAINAGE	SPAN Arrangeent (m)	REMARKS
NOTE:	1) The bridges in the station yards shall be constructed to cater to the number of Railway tracks as shown in the ESP of the respective station yards. 2) A RCC Box of Size 5.5m X 4m for DFCC loading is to be constructed from Ch: 113205 to Ch: 113365 (160 m Long) over the subsidiary Canal taking off from Eastern Yamuna Canal as shown relevant Project Sheet.				

TABLE NO. 8					
CONTRACT PACKAGE- 303					
Details of Minor RUBs					
Sr. No.	Section	Bridge No	Proposed Location CH	Span Arrangement	Remarks
1	KRJ Detour	D/KRJ 1	-2048.31	1X5.5X4.5	
2	KRJ Detour	D/KRJ 2	-1483.39	1X5.5X4.5	
3	New KJY - New MOM	KRJ YD-1	6594.000	2X4X5.5	For New Road in Khurja City Yard
4	New MOM - New BSC	BSR YD-2	22514.000	2X4X5.5	For New Sub Way in Bulandshahr Yard
5	New GLH - New HPU	D/MTC 2	1589.873	1X5.5X4.5	
6	New GLH - New HPU	D/MTC 5	2434.45	1X5.5X4.5	
7	New GLH - New HPU	D/MTC7	2877.347	1X5.5X4.5	
8	New GLH - New HPU	D/MTC 8	3252.452	1X5.5X4.5	
9	New GLH - New HPU	D/MTC 9	3490.526	1X5.5X4.5	
10	New GLH - New HPU	D/MTC 11	3774.718	1X5.5X4.5	
11	New GLH - New HPU	D/MTC 13	4252.561	1X5.5X4.5	
12	New GLH - New HPU	D/MTC 16	4410.124	1X5.5X4.5	
13	New GLH - New HPU	D/MTC 20	5163.066	1X5.5X4.5	
14	New GLH - New HPU	D/MTC 22	5501.612	1X5.5X4.5	
15	New GLH - New HPU	D/MTC 23A	5675.594	1X5.5X4.5	
16	New GLH - New HPU	D/MTC 25	5935.765	1X5.5X4.5	
17	New GLH - New HPU	D/MTC 30	7064.006	1X5.5X4.5	
18	New GLH - New HPU	D/MTC 32	7432.706	1X5.5X4.5	
19	New GLH - New HPU	D/MTC 35	8045.395	1X5.5X4.5	
20	New GLH - New HPU	D/MTC 37	8374.686	1X5.5X4.5	
21	New GLH - New HPU	D/MTC 38	8607.233	1X5.5X4.5	
22	New GLH - New HPU	D/MTC 41	9100.975	1X5.5X4.5	
23	New GLH - New HPU	D/MTC 44	9440.503	1X5.5X4.5	
24	New GLH - New HPU	D/MTC 46	9734.737	1X5.5X4.5	
25	New GLH - New HPU	D/MTC 49	10030.156	1X5.5X4.5	
26	New HPU - New PKW	D/MTC 51	10509.831	1X5.5X4.5	
27	New HPU - New PKW	D/MTC 57	11702.081	1X5.5X4.5	
28	New HPU - New PKW	D/MTC 58	12229.15	1X5.5X4.5	
29	New HPU - New PKW	D/MTC 60	12640	1X5.5X4.5	
30	New HPU - New PKW	D/MTC 62	12866.587	1X5.5X4.5	
31	New HPU - New PKW	D/MTC 64	13138.877	1X5.5X4.5	
32	New HPU - New PKW	D/MTC 67	13522.725	1X5.5X4.5	
33	New HPU - New PKW	D/MTC 72	14507.618	1X5.5X4.5	
34	New HPU - New PKW	D/MTC 75	14822.857	1X5.5X4.5	
35	New HPU - New PKW	D/MTC 78	15227.386	1X5.5X4.5	
36	New HPU - New PKW	D/MTC 81	15643.878	1X5.5X4.5	
37	New HPU - New PKW	D/MTC 83	16144.783	1X5.5X4.5	
38	New HPU - New PKW	D/MTC 85	16574.027	1X5.5X4.5	
39	New HPU - New PKW	D/MTC 88	16914.35	1X5.5X4.5	
40	New HPU - New PKW	D/MTC 89	17338.85	1X5.5X4.5	
41	New HPU - New PKW	D/MTC 93	18072.963	1X5.5X4.5	
42	New HPU - New PKW	D/MTC 96	18499.593	1X5.5X4.5	
43	New HPU - New PKW	D/MTC 98A	18850.471	1X5.5X4.5	

TABLE NO. 8					
CONTRACT PACKAGE- 303					
Details of Minor RUBs					
Sr. No.	Section	Bridge No	Proposed Location CH	Span Arrangement	Remarks
44	New HPU - New PKW	D/MTC 101	19470	1X5.5X4.5	
45	New PKW - New MUZ	D/MTC 104	19955	1X5.5X4.5	
46	New PKW - New MUZ	D/MTC 107	20417.5	1X5.5X4.5	
47	New PKW - New MUZ	D/MTC 110A	20719.5	1X5.5X4.5	
48	New PKW - New MUZ	D/MTC 111	20935	1X5.5X4.5	
49	New PKW - New MUZ	D/MTC 117	22128	1X5.5X4.5	
50	New PKW - New MUZ	D/MTC 121	23115	1X5.5X4.5	
51	New PKW - New MUZ	D/MTC 121A	23356	1X5.5X4.5	
52	New PKW - New MUZ	D/MTC 124	23808	1X5.5X4.5	
53	New PKW - New MUZ	D/MTC 125A	24086.63	1X5.5X4.5	
54	New PKW - New MUZ	D/MTC 130	25205	1X5.5X4.5	
55	New PKW - New MUZ	D/MTC 131	25755	1X5.5X4.5	
56	New PKW - New MUZ	D/MTC 132A	26131.97	1X5.5X4.5	
57	New PKW - New MUZ	D/MTC 134	26530	1X5.5X4.5	
58	New PKW - New MUZ	D/MTC 136	26891	1X5.5X4.5	
59	New PKW - New MUZ	D/MTC 141	27832	1X5.5X4.5	
60	New PKW - New MUZ	D/MTC 147	29125	1X5.5X4.5	
61	New PKW - New MUZ	D/MTC 149	29670	1X5.5X4.5	
62	New PKW - New MUZ	D/MTC 150	30183	1X5.5X4.5	
63	New PKW - New MUZ	D/MTC 152	30315	1X5.5X4.5	
64	New PKW - New MUZ	D/MTC 155	30775	1X5.5X4.5	
65	New MUZ - New PRTP	D/MTC 157	31819	1X5.5X4.5	
66	New MUZ - New PRTP	D/MTC 160	32250	1X5.5X4.5	
67	New MUZ - New PRTP	D/MTC 166	34256.39	1X5.5X4.5	
68	New MUZ - New PRTP	D/MTC 167	34343.83	1X5.5X4.5	
69	New MUZ - New PRTP	D/MTC 168	34827	1X5.5X4.5	
70	New MUZ - New PRTP	D/MTC 174	36138	1X5.5X4.5	
71	New MUZ - New PRTP	D/MTC 176	36585	1X5.5X4.5	
72	New MUZ - New PRTP	D/MTC 177	37360	1X5.5X4.5	
73	New MUZ - New PRTP	D/MTC 178	37600	1X5.5X4.5	
74	New MUZ - New PRTP	D/MTC 179A	38003.67	1X5.5X4.5	
75	New MUZ - New PRTP	D/MTC 179B	38366.83	1X5.5X4.5	
76	New MUZ - New PRTP	D/MTC 181	38800	1X5.5X4.5	
77	New MUZ - New PRTP	D/MTC 183	39340	1X5.5X4.5	
78	New PRTP - New MUT	D/MTC 184	39815	1X5.5X4.5	
79	New PRTP - New MUT	D/MTC 185	40205	1X5.5X4.5	
80	New PRTP - New MUT	D/MTC 186	40750	1X5.5X4.5	
81	New PRTP - New MUT	D/MTC 187B	41104.33	1X5.5X4.5	
82	New PRTP - New MUT	D/MTC 188	41290	1X5.5X4.5	
83	New PRTP - New MUT	D/MTC 189	41790	1X5.5X4.5	
84	New PRTP - New MUT	D/MTC 191A	42232	1X5.5X4.5	
85	New PRTP - New MUT	D/MTC 193A	42852.54	1X5.5X4.5	
86	New PRTP - New MUT	D/MTC 195	43190	1X5.5X4.5	
87	New PRTP - New MUT	D/MTC 197	43580	1X5.5X4.5	
88	New PRTP - New MUT	D/MTC 198A	44242.89	1X5.5X4.5	

TABLE NO. 8					
CONTRACT PACKAGE- 303					
Details of Minor RUBs					
Sr. No.	Section	Bridge No	Proposed Location CH	Span Arrangement	Remarks
89	New PRTP - New MUT	D/MTC 199	44635	1X5.5X4.5	
90	New PRTP - New MUT	D/MTC 200	45165	1X5.5X4.5	
91	New PRTP - New MUT	D/MTC 202	45875	1X5.5X4.5	
92	New PRTP - New MUT	D/MTC 209	47057	1X5.5X4.5	
93	New PRTP - New MUT	D/MTC 209A	47317.69	1X5.5X4.5	
94	New PRTP - New MUT	D/MTC 211	47770	1X5.5X4.5	
95	New PRTP - New MUT	D/MTC 216	48875	1X5.5X4.5	
96	New PRTP - New MUT	D/MTC 218	49780	1X5.5X4.5	
97	New PRTP - New MUT	D/MTC 219	50050	1X5.5X4.5	
98	New PRTP - New MUT	D/MTC 220	50826	1X5.5X4.5	
99	New MUT - New DRLA	D/MTC 223	51417	1X5.5X4.5	
100	New MUT - New DRLA	D/MTC 224A	52279	1X5.5X4.5	
101	New MUT - New DRLA	D/MTC 227	52520	1X5.5X4.5	
102	New MUT - New DRLA	D/MTC 230	52778	1X5.5X4.5	
103	New MUT - New DRLA	D/MTC 231	53130	1X5.5X4.5	
104	New MUT - New DRLA	D/MTC 232	53355	1X5.5X4.5	
105	New MUT - New DRLA	D/MTC 232A	53740	1X5.5X4.5	
106	New MUT - New DRLA	D/MTC 233	53958	1X5.5X4.5	
107	New MUT - New DRLA	D/MTC 234A	54605.635	1X5.5X4.5	
108	New MUT - New DRLA	D/MTC 236	55000	1X5.5X4.5	
109	New MUT - New DRLA	D/MTC 236A	55782.18	1X5.5X4.5	
110	New MUT - New DRLA	D/MTC 239	56110	1X5.5X4.5	
111	New MUT - New DRLA	D/MTC 241A	57134.47	1X5.5X4.5	
112	New MUT - New DRLA	D/MTC 244A	57913.9	1X5.5X4.5	
113	New MUT - New DRLA	D/MTC 245	58160	1X5.5X4.5	
114	New MUT - New DRLA	D/MTC 247	58510	1X5.5X4.5	
115	New MUT - New DRLA	D/MTC 248	59090	1X5.5X4.5	
116	New MUT - New DRLA	D/MTC 249	59305	1X5.5X4.5	
117	New MUT - New DRLA	D/MTC 251	59790	1X5.5X4.5	
118	New MUT - New DRLA	D/MTC 251A	60279	1X5.5X4.5	
119	New MUT - New DRLA	D/MTC 253	60430	1X5.5X4.5	
120	New DRLA - New SKF	D/MTC 255	61025	1X5.5X4.5	
121	New DRLA - New SKF	D/MTC 257	61405	1X5.5X4.5	
122	New DRLA - New SKF	D/MTC 258	61810	1X5.5X4.5	
123	New DRLA - New SKF	D/MTC 260A	62159	1X5.5X4.5	
124	New DRLA - New SKF	D/MTC 263	62545	1X5.5X4.5	
125	New DRLA - New SKF	D/MTC 266A	63144	1X5.5X4.5	
126	New DRLA - New SKF	D/MTC 268	63392	1X5.5X4.5	
127	New DRLA - New SKF	D/MTC 270	63750	1X5.5X4.5	
128	New DRLA - New SKF	D/MTC 272	64135	1X5.5X4.5	
129	New DRLA - New SKF	D/MTC 274	64435	1X5.5X4.5	
130	New DRLA - New SKF	D/MTC 278	65140	1X5.5X4.5	
131	New DRLA - New SKF	D/MTC 281	65680	1X5.5X4.5	
132	New DRLA - New SKF	D/MTC 284	66190	1X5.5X4.5	
133	New DRLA - New SKF	D/MTC 288A	66696.34	1X5.5X4.5	

TABLE NO. 8					
CONTRACT PACKAGE- 303					
Details of Minor RUBs					
Sr. No.	Section	Bridge No	Proposed Location CH	Span Arrangement	Remarks
134	New MSP - New JDW	D/MOZ 2	1300	1X5.5X4.5	
135	New MSP - New JDW	D/MOZ 4A	2282.43	1X5.5X4.5	
136	New MSP - New JDW	D/MOZ 5	2600	1X5.5X4.5	
137	New MSP - New JDW	D/MOZ 6	3200	1X5.5X4.5	
138	New MSP - New JDW	D/MOZ 7	3800	1X5.5X4.5	
139	New MSP - New JDW	D/MOZ 8	4330	1X5.5X4.5	
140	New MSP - New JDW	D/MOZ 9	4810	1X5.5X4.5	
141	New JDW - New MOZ	D/MOZ 10	5497	1X5.5X4.5	
142	New JDW - New MOZ	D/MOZ 13	6932	1X5.5X4.5	
143	New JDW - New MOZ	D/MOZ 14	7542.757	1X5.5X4.5	
144	New JDW - New MOZ	D/MOZ 15	8218	1X5.5X4.5	
145	New JDW - New MOZ	D/MOZ 16	8806	1X5.5X4.5	
146	New JDW - New MOZ	D/MOZ 18A	9434.26	1X5.5X4.5	
147	New JDW - New MOZ	D/MOZ 20	9685	1X5.5X4.5	
148	New JDW - New MOZ	D/MOZ 20B	10199.41	1X5.5X4.5	
149	New JDW - New MOZ	D/MOZ 23	10983	1X5.5X4.5	
150	New JDW - New MOZ	D/MOZ 26A	12420	1X5.5X4.5	
151	New JDW - New MOZ	D/MOZ 31	14365	1X5.5X4.5	
152	New JDW - New MOZ	D/MOZ 31C	14944.55	1X5.5X4.5	
153	New MOZ - New RNA	D/MOZ 32	15342	1X5.5X4.5	
154	New MOZ - New RNA	D/MOZ 33B	16141.4	1X5.5X4.5	
155	New MOZ - New RNA	D/MOZ 34A	16532	1X5.5X4.5	
156	New MOZ - New RNA	D/MOZ 35	16986	1X5.5X4.5	
157	New MOZ - New RNA	D/MOZ 36	17568	1X5.5X4.5	
158	New MOZ - New RNA	D/MOZ 37A	18063.08	1X5.5X4.5	
159	New MOZ - New RNA	D/MOZ 38A	18385.04	1X5.5X4.5	
160	New MOZ - New RNA	D/MOZ 41	19107	1X5.5X4.5	
161	New MOZ - New RNA	D/MOZ 43	19680	1X5.5X4.5	
162	New MOZ - New RNA	D/MOZ 45	20360	1X5.5X4.5	
163	New MOZ - New RNA	D/MOZ 47	20680	1X5.5X4.5	
164	New MOZ - New RNA	D/MOZ 51	21945	1X5.5X4.5	
165	New MOZ - New RNA	D/MOZ 51B	22700	1X5.5X4.5	
166	New RNA - New DBD	D/MOZ 53	23910	1X5.5X4.5	
167	New RNA - New DBD	D/MOZ 56	24576	1X5.5X4.5	
168	New RNA - New DBD	D/MOZ 57	25220	1X5.5X4.5	
169	New RNA - New DBD	D/MOZ 65	27070	1X5.5X4.5	
170	New RNA - New DBD	D/MOZ 68	27497	1X5.5X4.5	
171	New RNA - New DBD	D/MOZ 77	29360	1X5.5X4.5	
172	New RNA - New DBD	D/MOZ 78	29680	1X5.5X4.5	
173	New RNA - New DBD	D/MOZ 80	29826.202	1X5.5X4.5	
174	New RNA - New DBD	D/MOZ 85A	31267.96	1X5.5X4.5	
175	New RNA - New DBD	D/MOZ 91	32580	1X5.5X4.5	
176	New RNA - New DBD	D/MOZ 94	33021.486	1X5.5X4.5	
177	New DBD - New THJ	D/MOZ 97	33730	1X5.5X4.5	
178	New DBD - New THJ	D/MOZ 101	34300	1X5.5X4.5	

TABLE NO. 8					
CONTRACT PACKAGE- 303					
Details of Minor RUBs					
Sr. No.	Section	Bridge No	Proposed Location CH	Span Arrangement	Remarks
179	New DBD - New THJ	D/MOZ 107	35440	1X5.5X4.5	
180	New DBD - New THJ	D/MOZ 109	35711.15	1X5.5X4.5	
181	New DBD - New THJ	D/MOZ 110	36345	1X5.5X4.5	
182	New DBD - New THJ	D/MOZ 112	36860	1X5.5X4.5	
183	New DBD - New THJ	D/MOZ 113A	37202.92	1X5.5X4.5	
184	New DBD - New THJ	D/MOZ 114	37411	1X5.5X4.5	
185	New DBD - New THJ	D/MOZ 115A	37780	1X5.5X4.5	
186	New DBD - New THJ	D/MOZ 119	38630	1X5.5X4.5	
187	New DBD - New THJ	D/MOZ 122	39450	1X5.5X4.5	
188	New DBD - New THJ	D/MOZ 124	39900	1X5.5X4.5	
189	New DBD - New THJ	D/MOZ 126	40390	1X5.5X4.5	
190	New DBD - New THJ	D/MOZ 130A	41168	1X5.5X4.5	
191	New DBD - New THJ	D/MOZ 132	41610	1X5.5X4.5	
192	New TPZ - New SRE	SRN 29	100054	1X6X6	
193	New TPZ - New SRE	SRN 25	102614	1X6X5.25	

Table No. 9				
Contract Package 303				
IR Level X-ings to be extended on DFC track (Parallel Section)				
Sr. No.	Section	Chainage	LC No.	Remarks
1	New Khurja city-New Maman	7/2-3	5/B/T	
2	New Maman – New Bulandshahr	24/0-1	14/C/T	
3	New Bulandshahr - New Chaprawat	28/3-4	17/C/E	
4	New Chaprawat-New Gulaoti	45/5-6	26/B/T	
5	New Chaprawat-New Gulaoti	48/5-6	28/C/E	
6	Daurala-Sakhotitanda	86/14-15	37/C/E	
7	Daurala-Sakhotitanda	88/4-5	38/C/E-2	
8	Daurala-Sakhotitanda	90/2-3	39/C/T	
9	Sakotitanda-khatauli	91/9-10	40/B/T-2	
10	Sakotitanda-khatauli	93/3-4	41/C/T-2	
11	Sakotitanda-khatauli	96/13-14	42/C/E-2	
12	Khatauli-Mansurpur	101/17-18	45/C/T-2	
13	Khatauli-Mansurpur	104/7-8	46/C/E-2	
14	Devoband- Talheri	152/4-5	72/C/E	
15	Devoband- Talheri	153/14-15	74/C/E-2	
16	Talheri-Pilkhani	156/5-6	75/C/T-2	Gate Lodge to be constructed before dismantling
17	Talheri-Pilkhani	163/13-14	78/C/T-2	Gate Lodge Not in the scope of CST Contractor
18	Talheri-Pilkhani	165/4-5	79/C/T-2	Gate Lodge Not in the scope of CST Contractor
19	Talheri-Pilkhani	175/12-13	84/C	Gate Lodge Not in the scope of CST Contractor
20	Talheri-Pilkhani	177/6-7	84A/C/E-2	Gate Lodge Not in the scope of CST Contractor
21	Talheri-Pilkhani	185/1-3	88/C/E-2	Gate Lodge to be constructed before dismantling
22	Talheri-Pilkhani	186/15-17	89/C	Gate Lodge to be constructed before dismantling

Note :- The above list of Level Crossings (LC) to be extended is indicative. The exact Level Crossing numbers & location at which LC is to be extended will be decided by Engineer. Any increase or decrease in number of LCs to be extended shall be treated as variation.

Table No.10						
Contract Package 303						
List of FOB/Subway to be Constructed/Modified/EXTended						
Sr. No	Station Name	Station Code	IR KM	Detour/ Parallel	Proposed width (m)	Remarks
1	Maman	MAM	15/570	Parallel	3	New FOB
2	Baral	BARL	34/637	Parallel	3	New FOB
3	Chhaprawat	CHWT	40/000	Parallel	3	New FOB
4	Gulawati	GLH	44/270	Parallel	3	New FOB
5	Saharanpur	SRE	180.79	Parallel	3	Extension of FOB
6	Saharanpur	SRE	110000	Parallel	4	New Subway
Total No. of FOBs/Subway = 01 EXTension + 04 New + Subway (01 New) = 06 Nos.						

Table No. 11			
Contract Package 303			
Land for Construction Depot			
Sr. No.	DFCC CH	At Station	Land Available
1	47850	New Gulawati Yard	45mX500m
2	107250	New Mansurpur Yard	45mX500m
Total no. of Construction Depot Land=02			

Table No. 12				
Contract Package 303				
Details of Station of Existing Indian Railway Network				
Sr. No.	Section	Station	Railway KM	Remarks
1	KRJ-MTC	Khurja City (KJY)	6.57	
2		Maman (MOM)	15.65	
3		Bulandsahar (BSC)	22.66	
4		Baral (BARL)	34.66	
5		Chhaprawat Halt (CHWT)	39.95	
6		Gulaothi (GLH)	44.27	
7	MTC-THJ	Sakoti Tanda(SKF)	91.32	
8		Khatauli(KAT)	100.47	
9		Masurpur(MSP)	109.93	
10		Talheri Buzurg (THJ)	156.54	
11	THJ-PKY	Nagal (NGL)	164.18	
12		Tapri (TPZ)	174.19	
13		Saharanpur (SRE)	180.79	
Total no. of IR Stations=13				

Table No. 13				
Contract Package 303				
Details of Crossing Stations on DFC Route (303)				
Sr. No.	Station Name	Station Code	Location of Center Line	Classification
1	New Khurja City	New KJY	4624	Crossing Stations
2	New Maman	New MOM	16469	Crossing Stations
3	New Bulandshahr	New BSC	26617	Crossing Stations
4	New Chhaparawat	New CHWT	38254	Crossing Stations
5	New Gulaothi	New GLH	47850	Crossing Stations
6	New Hapur	New HPU	D/MTC 10450	Crossing Stations
7	New Pilkhua	New PKW	D/MTC 19950	Crossing Stations
8	New Mohiuddinpur	New MUZ	D/MTC 30850	Crossing Stations
9	New Partapur	New PRTP	D/MTC 39550	Crossing Stations
10	New Meerut Cantt.	New MUT	D/MTC 51250	Crossing Stations
11	New Daurala	New DRLA	D/MTC 60600	Crossing Stations
12	New Sakoti	New SKF	88450	Crossing Stations
13	New Khatauli	New KAT	97250	Crossing Stations
14	New Mansurpur	New MSP	107250	Crossing Stations
15	New Jarauda Nara	New JDW	D/MOZ 5110	Crossing Stations
16	New Muzaffar Nagar	New MOZ	D/MOZ 15220	Crossing Stations
17	New Rohanakalan	New RNA	D/MOZ 22850	Crossing Stations
18	New Deoband	New DBD	D/MOZ 33250	Crossing Stations
19	New Talheri Buzurg	New THJ	84070	Crossing Stations
20	New Tapri	New TPZ	98297	Crossing Station
21	New Saharanpur	New SRE	113009	Crossing Station
Total No. of crossing stations = 21				

Table No. 14

Contract Package 303

Summary of New Structure to be constructed / Old Structure to be modified / Relocated (Contract Package 303)

Sr. No.	Contract Package	Stations	KM/CH	Platform New/Modification	Station Building	New FOB/ FO B EXten sion /Subway	New Quarters to be constructed (Please refer Note 1 & 2 below)					Other Buildings (Area in Sqm)	IMD	IMSD	Over Head Tank	Pump House	Tower Wagon Shed	Boundary Wall	Approach Road
							A	B	C	IR (Type II)	IR (Type III)								
Existing IR Stations																			
1	Contract package 303	Khurja city (KJY)	6.57																
2		Maman (MOM)	15.65			1													
3		Bulandsahar (BSC)	22.66																
4		Barala (BARL)	34.66			1													
5		Chhaprawat Halt	39.95			1													
6		Gulaothi (GLH)	44.27			1													
7		Sakoti Tanda(SKF)	91.32																
8		Khatauli(KAT)	100.47		1					15								02 KM	04KM
9		Mansurpur(MSP)	109.93							5									
10		Talheri Buzurg	156.54																
11		Nangal	164.18																
12		Tapri	174.19							1									
13		Saharanpur	180.79				2			46	6	1382			1	1	1		
Proposed DFC Stations																			
1	Contract package 303	New Khurja City	4624	1	1														
2		New Maman	16469	1	1														
3		New Bulandshahr	26617	1	1														
4		New Chhaparawat	38254	1	1														
5		New Gulawati	47850	1	1								1						
6		New Hapur	D/MTC 10450	1	1														
7		New Pilkhua	D/MTC 19950	1	1														
8		New Mohiuddinpur	D/MTC 30850	1	1														
9		New Partapur	D/MTC 39550	1	1														
10		New Meerut Cant	D/MTC 51250	1	1														
11		New Daurala	D/MTC 60600	1	1				160	29	2							1) 16 Km Boundary wall	20 Km
12		New Sakoti	88450	1	1								1					2) 5 Km Fencing	
13		New Khatauli	97250	1	1														
14		New Mansurpur	107250	1	1														
15		New Jarauda Nara	D/MOZ 5110	1	1														
16		New Muzaffar Nagar	D/MOZ 15220	1	1								1						
17		New Rohanakalan	D/MOZ 22850	1	1														
18		New Deoband	D/MOZ 33250	1	1														
19		New Talheri Buzurg	84070	1	1														
20		New Tapri	98297	1	1								1						
21		New Saharnpur	113009	1	1														

Note

1. The exact location of quarters to be constructed for IR at the station indicated in the table above shall be decided by Engineer in consultation with IR.

2. The Station & location of quarters to be constructed for DFCCIL indicated in the table above shall be decided by Engineer in consultation with Employer.

Table No. 15

Contract Package 303

Chartered Utility List - Civil Structures

S. No.	Section	KM(IR)/ Chainage (DFCC)	Parallel/ Detour	Description	Action Required
1	KJY-MAM	5/3 - 6/35	Parallel	2 Nos. Kaccha Structure & 3 Nos. Residential House	To be dismantled.
2	KJY-MAM	6/36	Parallel	Temple	To be relocated
3	KJY-MAM	7/1	Parallel	Railway Cabin	To be dismantled.
4	KJY-MAM	7/2	Parallel	14 Nos. Residential House	To be dismantled.
5	KJY-MAM	7/2-7/3	Parallel	Gate Lodge with Height Barrier	To be dismantled.
6	KJY-MAM	7/3 - 7/13	Parallel	6 Nos. Residential House	To be dismantled.
7	KJY-MAM	7/22-7/23	Parallel	Height Barrier	To be dismantled.
8	KJY-MAM	8/12	Parallel	1 Room	To be dismantled
9	KJY-MAM	11/2	Parallel	Rly Quarter	To be dismantled.
10	KJY-MAM	11/2-11/3	Parallel	Gate Lodge, Height Barrier & Staff quater	To be dismantled.
11	KJY-MAM	12/1-12/2	Parallel	Height Barrier	To be dismantled.
12	MAM-BSR	18/4-18/5	Parallel	Height Barrier	To be dismantled.
13	MAM-BSR	18/7	Parallel	1 No. Residential House	To be dismantled.
14	MAM-BSR	22/8-22/9	Parallel	Pump (Abondand)	To be dismantled.
15	MAM-BSR	22/22-23/1	Parallel	Height Barrier	To be dismantled.
16	BSR-BARL	23/6	Parallel	6 Nos. Residential House	Residential House to be dismantled
17	BSR-BARL	23/7 - 23/8	Parallel	5 No. Residential House + 1 No. Kucha House	To be dismantled.
18	BSR-BARL	23/10	Parallel	F.C.I. Godown Boundry Wall	To be dismantled.
19	BSR-BARL	23/11 - 23/13	Parallel	17 Nos. Residential House	Residential House to be dismantled
20	BSR-BARL	23/16 - 23/19	Parallel	4 No. Residential House	To be dismantled.
21	BSR-BARL	24 - 24/3	Parallel	13 Nos. Residential House (Double Story) & 09 Nos. Residential House	To be dismantled.
22	BSR-BARL	24/1-24/2	Parallel	Height Barrier	To be dismantled.
23	BSR-BARL	24/4	Parallel	Temple	To be relocated
24	BSR-BARL	24/4 - 24/9	Parallel	27 No. Residential House (Double Story)+ 12 Nos. Residential House + 01 No. Com.	To be dismantled.
25	BSR-BARL	24/9	Parallel	Rly Quater	Rly Quater to be dismantled
26	BSR-BARL	24/10	Parallel	2 Nos. Residential House (Double Story)+ 2 Nos. Residential House & 1 No. Com. Building	To be dismantled.
27	BSR-BARL	24/10-24/11	Parallel	Railways Structures	To be dismantled.
28	BSR-BARL	24/11 - 25/2	Parallel	7 Nos. Residential House (Double Story)+ 13 Residential House	To be dismantled.
29	BSR-BARL	25/3	Parallel	3 Nos. Residential House, 01 Kaccha House & 01 NO. Com. House Double F	To be dismantled.
30	BSR-BARL	25/4 - 25/5	Parallel	1 No. Residential House (Double Story) + 16 Nos. Residential House+ 1 No. Kucha House	To be dismantled.
31	BSR-BARL	26/5	Parallel	1 No. Room	To be dismantled
32	BSR-BARL	26/5-26/6	Parallel	Height Barrier	To be dismantled.
33	BSR-BARL	26/6	Parallel	Pashu Ahar Factory(940.80sqm)	To be dismantled.
34	BSR-BARL	26/6	Parallel	1 No. Commercial Structure	To be dismantled.
35	BSR-BARL	26/7	Parallel	2 Nos. Room	Room to be dismantled
36	BSR-BARL	27/3	Parallel	Partially demoslshed structure	To be dismantled.
37	BSR-BARL	28/5	Parallel	2 Nos. Residential House	To be dismantled.
38	BSR-BARL	28/6	Parallel	2 Nos. Residential House, 02Nos. Foundation & Boundary Wall	To be dismantled.
39	BSR-BARL	28/7	Parallel	1 No. Residential House & Foundation	To be dismantled.
40	BSR-BARL	28/8	Parallel	9 Nos. Residential House	To be dismantled.
41	BSR-BARL	28/11	Parallel	1 Nos. Residential House & Structure	To be dismantled.
42	BSR-BARL	30/5-30/6	Parallel	Gas Pipe Line	Arrangement for passing DFC Tracks over pipeline to be made as per GAIL's requirement
43	BSR-BARL	31/1	Parallel	Temple	To be relocated
44	BSR-BARL	31/1	Parallel	2 Nos. Residential House	To be dismantled.

Table No. 15					
Contract Package 303					
Chartered Utility List - Civil Structures					
S. No.	Section	KM(IR)/ Chainage (DFCC)	Parallel/ Detour	Description	Action Required
45	BSR-BARL	31/2	Parallel	3 Nos. Residential House + 1 No. Kucha House	To be dismantled.
46	BSR-BARL	31/3	Parallel	1 No. Residential House	To be dismantled
47	BSR-BARL	31/14-31/15	Parallel	Gas Pipe Line	Arrangement for passing DFC Tracks over pipeline to be made as per GAIL's requirement
48	BARL-CHWT	34/10-34/11	Parallel	02 Nos. Staff Quarter	To be dismantled.
49	BARL-CHWT	37/11-37/12	Parallel	BSNL Cable Hut	To be dismantled.
50	BARL-CHWT	39/11	Parallel	Passengers Waiting Room	To be dismantled.
51	CHWT-GLH	41/11	Parallel	Jindal Factory Boundary wall (Approx. 750 m) and structures within ROW	Boundary wall and structures to be relocated
52	GLH-HFZ	44/10-44/11	Parallel	Goods Shed	To be dismantled.
53	GLH-HFZ	45/6-45/7	Parallel	Height Barrier	To be dismantled.
54	GLH-HFZ	49/5	Parallel	1 No. Residential House	To be dismantled.
55	GLH-HFZ	49/512 To 49/540	Parallel	Grave	To be relocated.
56	GLH-HFZ	49/612 To 49/655	Parallel	Hauz, Room.	To be dismantled.
57	New GLH-NewHPU	1/430 TO 1/590KM	Detour	Room, Hauz	To be dismantled.
58	New GLH-NewHPU	4/960 TO 10/020 KM	Detour	08 Nos. Small Religious Structures (2.4mx2.3m), (3.5mx3.6m), (2.5mx2.30m), (2.50m x1.60m), (1.4m x 1.8), (1.60m x 2.50), (1.80m x 2.20m), (2.8m x 1.4m)	To be relocated
59	New HPU-NewPKW	10/530 TO 12/920KM	Detour	Room, Hauz+03 Nos. Small Religious Structures (2.0mx1.0m), (2.0mx1.2m), (0.30m x 0.30m)	Room & Hauz To be dismantled+Small Religious Structure To be relocated
60	New HPU-NewPKW	13/240 TO 13/400KM	Detour	Room, 2 Nos. Gate, Boundary Wall	To be dismantled.
61	New HPU-NewPKW	13/400 TO 13/440	Detour	Small Religious Structures (.60m x .30m)	To be relocated
62	New HPU-NewPKW	13/460 TO 13/630	Detour	Room, Teenshed+Small Religious Structures (1.3m x 1.7m)	Room etc. To be dismantled+Small Religious Structure To be relocated
63	New HPU-NewPKW	13/720 TO 13/820KM	Detour	02 Nos. Room, Chabutra, Wall, Hotel, Water tank, Dharam Kanta	To be dismantled.
64	New HPU-NewPKW	14/100 TO 14/220	Detour	Small Religious Structures (1.2m x 2.0m)	To be relocated.
65	New HPU-NewPKW	14/490 TO 14/630	Detour	Iron Gate, 02 Nos. Of Pillar	To be dismantled.
66	New HPU-NewPKW	14/970 TO 14/990	Detour	Small Religious Structures (1.5m x 1.2m)	To be relocated.
67	New HPU-NewPKW	15/230 TO 15/390 KM	Detour	Room, Hauz+Small Religious Structure(2.4m x 1m)	Room & Hauz To be dismantled+Small Religious Structure To be relocated
68	New PKW-New MUZ	CH:21/080 TO 21/140	Detour	Boundary Wall	To be dismantled.
69	New PKW-New MUZ	CH:29/110 TO 29/120	Detour	Small Religious Structure (1m x 1m)	To be relocated.
70	New MUZ-New PRTP	CH:30/890 TO 30/940	Detour	Small Religious Structure (2.40m x 1.70m x 0.45m)	To be relocated.
71	New MUZ-New PRTP	CH:31/710 TO 32/730	Detour	03 Nos. Small Religious Structure (1.70m x 1.20m, 2.3m x 1.50m & 0.75m x 0.75m)	To be relocated.
72	New MUZ-New PRTP	CH:34/320 TO 34/400KM	Detour	Room, Toilet, Boundary Wall, School Gate	To be dismantled.
73	New MUZ-New PRTP	CH:34/400 TO 38/450KM	Detour	One Room	To be dismantled
74	New PRTP-New MUT	CH:41/140 TO 41/220KM	Detour	Small Religious Structure(2.0m x 1.6m)	To be relocated.
75	New PRTP-New MUT	CH:41/920 TO 41/950KM	Detour	IOCL Oil Pipe Line	Arrangement for passing DFC Tracks over pipeline to be made as per IOCL requirement)
76	New PRTP-New MUT	CH:43/080 TO 43/170KM	Detour	05 Nos. Hauz, Boundary Wall, Gate, Teen Shed	To be dismantled.
77	New PRTP-New MUT	CH:43/530 TO 43/550KM	Detour	House	To be dismantled.
78	New PRTP-New MUT	CH:43/600 TO 43/630KM	Detour	Boundary Wall	To be dismantled.
79	New PRTP-New MUT	CH:43/800 TO 43/840KM	Detour	Boundary Wall	To be dismantled.
80	New PRTP-New MUT	CH:44/710 TO 44/770KM	Detour	Boundary Wall	To be dismantled.
81	New PRTP-New MUT	CH:46/260 TO 46/320KM	Detour	Room	To be dismantled.
82	New PRTP-New MUT	CH:46/380 TO 46/440KM	Detour	Room, Boundary Wall	To be dismantled.
83	New PRTP-New MUT	CH:50/700 TO 50/740KM	Detour	Nali	To be dismantled.
84	New PRTP-New MUT	CH:50/840KM TO 50/950KM	Detour	Nali	To be dismantled.
85	New MUT-New DRLA	CH:53/540 TO 53/620KM	Detour	Varandha	To be dismantled
86	New MUT-New DRLA	CH:60/440 TO 60/680KM	Detour	Small Religious Structure (2.4m x 1.2m)	To be relocated

Table No. 15

Contract Package 303

Chartered Utility List - Civil Structures

S. No.	Section	KM(IR)/ Chainage (DFCC)	Parallel/ Detour	Description	Action Required
87	New DRLA-New SKF	CH:67/080 TO 67/180KM	Detour	Boundary Wall with Gate	To be dismantled.
88	New DRLA-New SKF	86/14-15	Parallel	Duty Hut	To be relocated.
89	New DRLA-New SKF	88/4-5	Parallel	Staff Quarter, Station Building as marked in ESP of Sakoti	To be dismantled.
90	New SKF- New KAT	88/8 - 89/12	Parallel	Room, Hauz	To be dismantled
91	New SKF- New KAT	90/2-3 to 90/8-9	Parallel	Boundary Wall	To be dismantled.
92	New SKF- New KAT	90/5-7	Parallel	02 Nos. BathRoom, 02 Nos. Room, Varandha, Wall, Kitchen and walls	To be dismantled.
93	New SKF- New KAT	90/13-15	Parallel	03 Nos Boundary Wall, 03 Nos. Store	To be dismantled.
94	New SKF- New KAT	91/10-11	Parallel	Duty Hut	To be relocated.
95	New SKF- New KAT	91/10-11 to 92/1	Parallel	Boudary Wall	To be dismantled.
96	New SKF- New KAT	92/8 - 92/12	Parallel	Boudary Walls(11m,56m)	To be dismantled.
97	New SKF- New KAT	93/2-3	Parallel	Gang Hut	To be relocated.
98	New SKF- New KAT	94/5-11	Parallel	02 Nos Small Religious Structure (2.10m X 2.40m & 3.28m X 2.75m)	To be relocated.
99	New KAT- New MSP	99/2-3	Parallel	Staff Quarter	To be dismantled.
100	New KAT- New MSP	100/3-8	Parallel	Road	To be relocated.
101	New KAT- New MSP	100/8-12	Parallel	15 Nos. IR Quarters	To be dismantled.
102	New MSP-New JDW	109/7-11	Parallel	Road	To be relocated.
103	New MSP-New JDW	109/13-14	Parallel	Room (GI Sheet), 1 Store Room, Boundary Wall, Temp. Structure made of Bamboo	To be dismantled.
104	New MSP-New JDW	109/14-15	Parallel	Boundary Wall, Room, Gaurd Room, Store Room	To be dismantled.
105	New MSP-New JDW	109/15-16	Parallel	5 Nos. IR Quarters	To be dismantled.
106	New MSP-New JDW	110/1-2	Parallel	Nali	To be dismantled.
107	New MSP-New JDW	110/9-10	Parallel	Nali	To be dismantled.
108	New MSP-New JDW	111/9-10	Parallel	Duty Hut	To be relocated.
109	New MSP-New JDW	0/830-0/940	Detour	Nali	To be dismantled.
110	New MSP-New JDW	1/160-1/220	Detour	Nali	To be dismantled.
111	New MSP-New JDW	1/260-1/340	Detour	Nali	To be dismantled.
112	New MSP-New JDW	4/810 to 4/860	Detour	Small Religious Temple (1.8m X 1.20m)	To be relocated
113	New JDW- New Moz	9/080-9/160	Detour	02 Rooms & 02 Hauz	To be dismantled.
114	New JDW- New Moz	9/120-9/160	Detour	Small Religious Structure (1.5m x 0.5m)	Small Religious Structure To be relocated
115	New JDW- New Moz	10/440-13/140	Detour	05 Nos. Small Religious Structures (2.20m x 2.0m); (0.5m x 0.5m), (3.5m x1.5m); (1.5m x 1.5m),[(dia- 2.2m; ht1.0m) & dome (0.5m x 0.5m)]	To be relocated.
116	New JDW- New Moz	13/300-13/780	Detour	02 nos Room, 02 Nos of Story Room, Iron Gate, Varanda, Teen shed	To be dismantled
117	New JDW- New Moz	13/780-13/840	Detour	Room, Teenshed, Varandha,Small Religious Structures (1.5m x 2.1m)	Room,Teenshed, Varandha To be dismantled+Small Religious Structure To be relocated
118	New JDW- New Moz	13/860-14/060	Detour	Small Religious Structures (2.0m x 1.6m)	To be relocated.
119	New Moz- New RNA	18/860-18/900	Detour	Hauz, Nali	To be dismantled.
120	New Moz- New RNA	22/800-22/930	Detour	Room	To be dismantled.
121	New RNA- New DBD	29/380 -33/020	Detour	03 Nos. Small Religious Structure(2.1m x 0.45m, 1.85m x1.30m, 1.30m x0.30m,1.30m x0.30m)	To be relocated.
122	New DBD-New THJ	38/860-38/890	Detour	Godown Wall	To be dismantled.
123	New DBD-New THJ	38/960-39/080	Detour	Boundary Wall	To be dismantled.
124	New DBD-New THJ	40/100-40/200	Detour	ITI Structure	To be relocated.
125	New DBD-New THJ	41/040 - 41/180		Small Religious Structure(3m x2.5m)	To be relocated.
126	New DBD-New THJ	41/400-42/620	Detour	02 Nos. Small Religious Structure(0.60m x.64m, 2.0m x1.45m)	To be relocated.
127	New DBD-New THJ	152/4-5	Detour	Duty Hut	To be relocated.
128	New DBD-New THJ	153/560	Detour	02 Nos Room, Boundary Wall	To be dismantled.
129	New DBD-New THJ	155/150-155/450	Detour	02 Nos Nali	To be dismantled.
130	Talheri Station	85450	Parallel	End loading platform	To be dismantled.

Table No. 15					
Contract Package 303					
Chartered Utility List - Civil Structures					
S. No.	Section	KM(IR)/ Chainage (DFCC)	Parallel/ Detour	Description	Action Required
131	Talheri Station	85450	Parallel	Private Structure	To be dismantled.
132	Talheri - Nagal	92610	Parallel	School Building	To be dismantled.
133	Nagal - Tapri	97800	Parallel	Gate Lodge	To be dismantled.
134	Nagal - Tapri	100080	Parallel	Railway Rooms	To be dismantled.
135	Nagal - Tapri	102300 - 400	Parallel	School Building	To be dismantled.
136	Tapri - Saharanpur	104500 - 600	Parallel	1 No. IR Quarter	To be dismantled.
137	Tapri - Saharanpur	104770	Parallel	Railway Room	To be dismantled.
138	Tapri - Saharanpur	108260	Parallel	Railway Structure	To be dismantled.
139	Saharanpur Yard	108750 - 109950	Parallel	One sewer (Apprx. Size 2.5 X 3.5m) containing sewage /storm water exist between Ch. 108750 to Ch. 109950 & runs almost parallel to the proposed alignment.	RCC Culvert of Suitable size as per the requirement of local authority will have to be constructed to DFC loading
140	Saharanpur Yard	109300	Parallel	Oil Depot & connected Infrastructures	Relocation of oil depot with underground oil tanks & connected infrastructure as per site near DFC Chainage 109300, as per the requirement of utility owner
141	Saharanpur Yard	109200 - 110400	Parallel	IR Quarters (non standard) 52 Nos. & Club Building, RPF Barracks, OH Tank & Store etc having area 1382 Sqm.	To be dismantled.
140	Saharanpur - Pilkhani	115500	Parallel	Railway Structure	To be dismantled.
141	Khurja -Pilkhani	-6538 to 115500	Parallel & Detour	112 Nos Borings, 27 Nos Submercible pumps and 58 Nos. Tube Wells (including all allied Structures like Rooms,Wall, Gate, Hauz, Nali etc.)	To be dismantled and filled up.
142	Khurja -Pilkhani	-6538 to 115500	Parallel & Detour	09 Nos Bore Wells and 57 Open Wells	To be filled.
143	Khurja -Pilkhani	-6538 to 115500	Parallel & Detour	27 Nos. Handpumps	To be relocated

Note: The above utility list of Civil pertaining to 303 (Khurja-Pilkhani Section) is required to be Verified by the Bidder in the Field before quote.

Table No. 16					
Contract Package 303					
Chartered Utility List - Electrical Utility					
S.No.	Section	Chainage/KM	Parallel/ Detour	Description	Remarks/Contract Planning Proposed
1	Khrja flyover	-2250	Detour	LT electric line with poles infringing the ROW	To be relocated
2	Khrja flyover	-2050	Detour	LT Electric line with poles crossing the Track	To be relocated
3	Khrja flyover	-1800	Detour	LT electric line with poles infringing the ROW	To be relocated
4	Khrja flyover	-1850	Detour	LT electric line with poles infringing the ROW	To be relocated
5	Khrja flyover	-1750	Detour	LT Electric line with poles crossing the Track	To be relocated
6	Khrja flyover	-1700	Detour	LT electric line with poles infringing the ROW	To be relocated
7	Khrja flyover	-1650	Detour	LT electric line with poles infringing the ROW	To be relocated
8	Khrja flyover	-1600	Detour	11KV Electric line with poles crossing the track	To be relocated
9	Khrja flyover	-1500	Detour	11KV Electric line with poles crossing the track	To be relocated
10	KRJ-KJY	4/8-9	Parallel	33KV Electric line with Poles Crossing the existing track through underground cable	To be relocated
11	KJY-MAM	7/2-3	Parallel	LT electric line with poles having arrangement of U/G cable, 11KV Electric line with poles	To be relocated
12	KJY-MAM	10/15 - 11/1	Parallel	33KV Electric line with Pole Crossing the existing track through underground cable	To be relocated
13	KJY-MAM	,11/1-3	Parallel	33KV Electric line with poles	To be relocated
14	KJY-MAM	11/13-14	Parallel	33KV Electric line with Pole Crossing the existing track through underground cable	To be relocated
15	KJY-MAM	11/14-15	Parallel	33KV Over head Electric line with poles crossing the existing track	To be relocated
16	KJY-MAM	11/15-16	Parallel	33KV Over head Electric line with poles crossing the existing track	To be relocated
17	KJY-MAM	12/2-3	Parallel	33KV Over head Electric line with poles crossing the existing track	To be relocated
18	KJY-MAM	,13/1-2	Parallel	33KV Electric line with Poles Crossing the existing track through underground cable	To be relocated
19	MAM-BSR	22/7-8	Parallel	LT Electric line with poles infringing the ROW	To be relocated
20	MAM-BSR	,22/8-9	Parallel	LT Electric line with poles infringing the ROW	To be relocated
21	BSR-BARL	22/21-22	Parallel	11kv electric line with poles having arrangement of under ground cable	To be relocated
22	BSR-BARL	22/22-23/1	Parallel	11KV Electric line with Poles Crossing the existing track through underground cable	To be relocated
23	BSR-BARL	23/6-10	Parallel	LT Electric line with poles infringing the ROW	To be relocated
24	BSR-BARL	23/10-12	Parallel	LT Electric line with poles infringing the ROW	To be relocated

Table No. 16					
Contract Package 303					
Chartered Utility List - Electrical Utility					
S.No.	Section	Chainage/KM	Parallel/ Detour	Description	Remarks/Contract Planning Proposed
25	BSR-BARL	23/14-15	Parallel	LT Electric line with poles infringing the ROW	To be relocated
26	BSR-BARL	23/16-24/2	Parallel	LT Electric line with poles infringing the ROW	To be relocated
27	BSR-BARL	24/2-3	Parallel	LT Electric line with poles infringing the ROW	To be relocated
28	BSR-BARL	,24/4-6	Parallel	LT Electric line with poles infringing the ROW	To be relocated
29	BSR-BARL	24/6-8	Parallel	LT Electric line with poles infringing the ROW	To be relocated
30	BSR-BARL	24/11-12	Parallel	LT Electric line with poles infringing the ROW	To be relocated
31	BSR-BARL	25/8-9	Parallel	11KV Electric line with Poles crossing the existing track through underground cable	To be relocated
32	BSR-BARL	26/1-2	Parallel	33KV Overhead Electric line with Poles Crossing the existing track	To be relocated
33	BSR-BARL	26/1-3	Parallel	LT Electric line with poles infringing the ROW	To be relocated
34	BSR-BARL	26/2-3	Parallel	33KV Electric line with Pole Crossing the existing track through underground cable	To be relocated
35	BSR-BARL	26/2-3	Parallel	Abondon H Pole infringing the ROW	To be dismantled
36	BSR-BARL	26/4-5	Parallel	33KV Overhead Electric line with Pole Crossing the existing track	To be relocated
37	BSR-BARL	28/8-9	Parallel	11KV Electric line with Poles Crossing the existing track through underground cable	To be relocated
38	BSR-BARL	28/9-10	Parallel	11kv Electric line with poles infringing ROW	To be relocated
39	BSR-BARL	31/1-2	Parallel	LT Electrical line pole infringing ROW	To be relocated
40	BSR-BARL	31/3-5	Parallel	LT Electrical line pole infringing ROW	To be relocated
41	BSR-BARL	33/11-12	Parallel	33KV Electric line with Pole Crossing the existing track through underground cable	To be relocated
42	BSR-BARL	34/1-2	Parallel	11KV Electric line with Pole Crossing the existing track through underground cable	To be relocated
43	BSR-BARL	34/10-11	Parallel	11kv Electric line with poles with transformer infringing ROW	To be relocated
44	BARL-CHWT	39/11-12	Parallel	11KV Electric line with Pole Crossing the existing track through underground cable	To be relocated
45	BARL-CHWT	39/12-13	Parallel	11kv electrical line with pole infringing ROW	To be relocated
46	CHWT-GLH	41/6-7	Parallel	33KV Electric line abondon H poles infringing ROW	To be relocated
47	CHWT-GLH	41/8-9	Parallel	Electric abandon pole infringing ROW	To be dismantled
48	CHWT-GLH	41/11-12	Parallel	33KV Electric line four poles structure infringing ROW	To be relocated

Table No. 16					
Contract Package 303					
Chartered Utility List - Electrical Utility					
S.No.	Section	Chainage/KM	Parallel/ Detour	Description	Remarks/Contract Planning Proposed
49	CHWT-GLH	42/2-3	Parallel	11KV Electric line with Pole Crossing the existing track through underground cable, 11KV Electric line with poles infringing ROW	To be relocated
50	GLH-HFZ	44/5-6	Parallel	11KV Electric line H pole with Trx infringing ROW	To be relocated
51	GLH-HFZ	45/6-7	Parallel	LT Electric line with poles infringing ROW	To be relocated
52	GLH-HFZ	45/7-8	Parallel	LT Electric line abandon poles infringing ROW	To be relocated
53	GLH-HFZ	47/14-15	Parallel	11KV Electric line with Poles Crossing the existing track through underground cable	To be relocated
54	GLH-HFZ	48/15-49/1	Parallel	LT Electric line with poles	To be relocated
55	MTC DETOUR	1350	Detour	11 KV Electric line with transformer crossing the Track	To be relocated
56	MTC DETOUR	1650	Detour	LT Electric line with poles Crossing the Track	To be relocated
57	MTC DETOUR	1780	Detour	11 KV Electric line with poles crossing the Track	To be relocated
58	MTC DETOUR	1800	Detour	11 KV Electric line with poles crossing the Track	To be relocated
59	MTC DETOUR	2200	Detour	LT Electric line with poles infringing ROW	To be relocated
60	MTC DETOUR	2550	Detour	11 KV Electric line with poles crossing the Track	To be relocated
61	MTC DETOUR	2850	Detour	11 KV Electric line with poles crossing the Track	To be relocated
62	MTC DETOUR	2900	Detour	LT Electric line with poles Crossing the Track	To be relocated
63	MTC DETOUR	3160	Detour	LT Electric line with poles infringing ROW	To be relocated
64	MTC DETOUR	3450	Detour	11 KV Electric line with poles crossing the Track	To be relocated
65	MTC DETOUR	3500	Detour	11 KV Electric line with poles crossing the Track	To be relocated
66	MTC DETOUR	3775	Detour	LT Electric line with pole Crossing the Track	To be relocated
67	MTC DETOUR	4125	Detour	11 KV Electric line with poles crossing the Track	To be relocated
68	MTC DETOUR	4140	Detour	11 KV Electric line with poles crossing the Track	To be relocated
69	MTC DETOUR	4450	Detour	11 KV Electric line with poles crossing the Track	To be relocated
70	MTC DETOUR	4500	Detour	LT Electric line with poles Crossing the Track	To be relocated
71	MTC DETOUR	4600	Detour	11 KV Electric line with poles crossing the Track	To be relocated
72	MTC DETOUR	4700	Detour	LT Electric line with poles Crossing the Track	To be relocated
73	MTC DETOUR	4950	Detour	LT Electric line with poles Crossing the Track	To be relocated

Table No. 16					
Contract Package 303					
Chartered Utility List - Electrical Utility					
S.No.	Section	Chainage/KM	Parallel/ Detour	Description	Remarks/Contract Planning Proposed
74	MTC DETOUR	5680	Detour	11 KV Electric line with poles crossing the Track	To be relocated
75	MTC DETOUR	6020	Detour	LT Electric line with poles Crossing the Track	To be relocated
76	MTC DETOUR	6150	Detour	LT Electric line with poles Crossing the Track	To be relocated
77	MTC DETOUR	6350	Detour	LT Electric line with poles Crossing the Track	To be relocated
78	MTC DETOUR	6600	Detour	LT Electric line with poles Crossing the Track	To be relocated
79	MTC DETOUR	6880	Detour	11 KV Electric line with poles crossing the Track	To be relocated
80	MTC DETOUR	7050	Detour	LT Electric line with poles Crossing the Track	To be relocated
81	MTC DETOUR	7620	Detour	11 KV Electric line with poles crossing the Track	To be relocated
82	MTC DETOUR	7680	Detour	LT Electric line with poles Crossing the Track	To be relocated
83	MTC DETOUR	7850	Detour	11 KV Electric line with poles crossing the Track	To be relocated
84	MTC DETOUR	8050	Detour	LT Electric line with poles Crossing the Track	To be relocated
85	MTC DETOUR	8350	Detour	LT Electric line with poles Crossing the Track	To be relocated
86	MTC DETOUR	8650	Detour	LT Electric line with poles Crossing the Track	To be relocated
87	MTC DETOUR	9200	Detour	LT Electric line with poles Crossing the Track	To be relocated
88	MTC DETOUR	9220	Detour	11 KV Electric line with poles crossing the Track	To be relocated
89	MTC DETOUR	9450	Detour	LT Electric line with poles Crossing the Track	To be relocated
90	MTC DETOUR	9460	Detour	11 KV Electric line with poles crossing the Track	To be relocated
91	MTC DETOUR	9750	Detour	LT Electric line with poles Crossing the Track	To be relocated
92	MTC DETOUR	9780	Detour	11 KV Electric line with poles crossing the Track	To be relocated
93	MTC DETOUR	9820	Detour	11 KV Electric line with poles infringing ROW	To be relocated
94	MTC DETOUR	10020	Detour	11 KV Electric line with poles crossing the Track	To be relocated
95	MTC DETOUR	10060	Detour	LT Electric line with poles Crossing the Track	To be relocated
96	MTC DETOUR	10080	Detour	11 KV Electric line with poles infringing ROW	To be relocated
97	MTC DETOUR	10320	Detour	11 KV Electric line with poles crossing the Track	To be relocated
98	MTC DETOUR	10720	Detour	11 KV Electric line with poles infringing ROW	To be relocated
99	MTC DETOUR	11200	Detour	LT Electric line with poles Crossing the Track	To be relocated
100	MTC DETOUR	11550	Detour	LT Electric line with poles Crossing the Track	To be relocated

Table No. 16					
Contract Package 303					
Chartered Utility List - Electrical Utility					
S.No.	Section	Chainage/KM	Parallel/ Detour	Description	Remarks/Contract Planning Proposed
101	MTC DETOUR	12100	Detour	11 KV Electric line with poles crossing the Track	To be relocated
102	MTC DETOUR	12930	Detour	11 KV Electric line with poles with transformer infringing ROW	To be relocated
103	MTC DETOUR	12980	Detour	11 KV Electric line with poles crossing the Track	To be relocated
104	MTC DETOUR	13520	Detour	11 KV Electric line with poles crossing the Track	To be relocated
105	MTC DETOUR	13580	Detour	LT Electric line with poles Crossing the Track	To be relocated
106	MTC DETOUR	13820	Detour	11 KV Electric line with poles crossing the Track	To be relocated
107	MTC DETOUR	14280	Detour	11 KV Electric line with poles crossing the Track	To be relocated
108	MTC DETOUR	14320	Detour	LT Electric line with poles Crossing the Track	To be relocated
109	MTC DETOUR	14500	Detour	LT Electric line with poles Crossing the Track	To be relocated
110	MTC DETOUR	14700	Detour	LT Electric line with poles Crossing the Track	To be relocated
111	MTC DETOUR	15050	Detour	11 KV Electric line with poles crossing the Track	To be relocated
112	MTC DETOUR	15220	Detour	11 KV Electric line with poles crossing the Track	To be relocated
113	MTC DETOUR	15620	Detour	11 KV Electric line with poles crossing the Track	To be relocated
114	MTC DETOUR	15780	Detour	11 KV Electric line with poles crossing the Track	To be relocated
115	MTC DETOUR	16000	Detour	11 KV Electric line with poles crossing the Track	To be relocated
116	MTC DETOUR	16080	Detour	LT Electric line with poles Crossing the Track	To be relocated
117	MTC DETOUR	16200	Detour	11 KV Electric line with poles crossing the Track	To be relocated
118	MTC DETOUR	16300	Detour	11 KV Electric line with poles crossing the Track	To be relocated
119	MTC DETOUR	16500	Detour	LT Electric line with poles Crossing the Track	To be relocated
120	MTC DETOUR	16950	Detour	LT Electric line with poles Crossing the Track	To be relocated
121	MTC DETOUR	17340	Detour	11 KV Electric line with poles crossing the Track	To be relocated
122	MTC DETOUR	17520	Detour	11 KV Electric line with poles crossing the Track	To be relocated
123	MTC DETOUR	17680	Detour	LT Electric line with poles Crossing the Track	To be relocated
124	MTC DETOUR	17980	Detour	11 KV Electric line with poles crossing the Track	To be relocated
125	MTC DETOUR	18600	Detour	11 KV Electric line with poles crossing the Track	To be relocated
126	MTC DETOUR	18650	Detour	LT Electric line with poles infringing the ROW	To be relocated
127	MTC DETOUR	18820	Detour	LT Electric line with poles Crossing the Track	To be relocated

Table No. 16					
Contract Package 303					
Chartered Utility List - Electrical Utility					
S.No.	Section	Chainage/KM	Parallel/ Detour	Description	Remarks/Contract Planning Proposed
128	MTC DETOUR	19345	Detour	11 KV Electric line with poles with Transformer crossing the Track	To be relocated
129	MTC DETOUR	20000	Detour	LT Electric line with poles Crossing the Track	To be relocated
130	MTC DETOUR	20050	Detour	11 KV Electric line with poles crossing the Track	To be relocated
131	MTC DETOUR	20340	Detour	LT Electric line with poles infringing the ROW	To be relocated
132	MTC DETOUR	21130	Detour	LT Electric line with poles Crossing the Track	To be relocated
133	MTC DETOUR	21180	Detour	11 KV Electric line with poles infringing ROW	To be relocated
134	MTC DETOUR	21220	Detour	11 KV Electric line with poles with transformer infringing ROW	To be relocated
135	MTC DETOUR	21520	Detour	11 KV Electric line with poles crossing the Track	To be relocated
136	MTC DETOUR	21550	Detour	11 KV Electric line with poles crossing the Track	To be relocated
137	MTC DETOUR	22140	Detour	LT Electric line with poles Crossing the Track	To be relocated
138	MTC DETOUR	22700	Detour	11 KV Electric line with poles crossing the Track	To be relocated
139	MTC DETOUR	22860	Detour	LT Electric line with poles Crossing the Track	To be relocated
140	MTC DETOUR	22880	Detour	33KV Electric line with poles Crossing the Track	To be relocated
141	MTC DETOUR	23320	Detour	LT Electric line with poles with poles Crossing the Track	To be relocated
142	MTC DETOUR	23440	Detour	11 KV Electric line with poles crossing the Track	To be relocated
143	MTC DETOUR	23500	Detour	LT Electric line with poles infringing the ROW	To be relocated
144	MTC DETOUR	25580	Detour	11 KV Electric line with poles crossing the Track	To be relocated
145	MTC DETOUR	25680	Detour	11 KV Electric line with poles crossing the Track	To be relocated
146	MTC DETOUR	25760	Detour	11 KV Electric line with poles crossing the Track	To be relocated
147	MTC DETOUR	27360	Detour	LT Electric line with poles Crossing the Track	To be relocated
148	MTC DETOUR	27580	Detour	LT Electric line with poles Crossing the Track	To be relocated
149	MTC DETOUR	28200	Detour	LT Electric line with poles Crossing the Track	To be relocated
150	MTC DETOUR	28400	Detour	LT Electric line with poles Crossing the Track	To be relocated
151	MTC DETOUR	28760	Detour	LT Electric line with poles Crossing the Track	To be relocated
152	MTC DETOUR	28900	Detour	11 KV Electric line with poles crossing the Track	To be relocated
153	MTC DETOUR	29150	Detour	LT Electric line with poles Crossing the Track	To be relocated
154	MTC DETOUR	31550	Detour	LT Electric line with poles Crossing the Track	To be relocated

Table No. 16					
Contract Package 303					
Chartered Utility List - Electrical Utility					
S.No.	Section	Chainage/KM	Parallel/ Detour	Description	Remarks/Contract Planning Proposed
155	MTC DETOUR	31700	Detour	LT Electric line with poles Crossing the Track	To be relocated
156	MTC DETOUR	31760	Detour	11 KV Electric line with poles crossing the Track	To be relocated
157	MTC DETOUR	31960	Detour	11 KV Electric line with poles crossing the Track	To be relocated
158	MTC DETOUR	31970	Detour	LT Electric line with poles Crossing the Track	To be relocated
159	MTC DETOUR	31980	Detour	11 KV Electric line with poles crossing the Track	To be relocated
160	MTC DETOUR	34120	Detour	11 KV Electric line with poles crossing the Track	To be relocated
161	MTC DETOUR	34370	Detour	11 KV Electric line with poles crossing the Track	To be relocated
162	MTC DETOUR	35500	Detour	33KV Electric line with poles Crossing the Track	To be relocated
163	MTC DETOUR	35530	Detour	11 KV Electric line with poles crossing the Track	To be relocated
164	MTC DETOUR	36100	Detour	11 KV Electric line with poles crossing the Track	To be relocated
165	MTC DETOUR	36480	Detour	11 KV Electric line with poles crossing the Track	To be relocated
166	MTC DETOUR	36700	Detour	LT Electric line with poles Crossing the Track	To be relocated
167	MTC DETOUR	37900	Detour	LT Electric line with poles Crossing the Track	To be relocated
168	MTC DETOUR	39800	Detour	11 KV Electric line with poles crossing the Track	To be relocated
169	MTC DETOUR	42100	Detour	LT Electric line with poles Crossing the Track	To be relocated
170	MTC DETOUR	42200	Detour	11 KV Electric line with poles crossing the Track	To be relocated
171	MTC DETOUR	42300	Detour	LT Electric line with poles Crossing the Track	To be relocated
172	MTC DETOUR	42560	Detour	LT Electric line with poles Crossing the Track	To be relocated
173	MTC DETOUR	42800	Detour	11 KV Electric line with poles crossing the Track	To be relocated
174	MTC DETOUR	43150	Detour	11 KV Electric line with poles with Transformer crossing the Track	To be relocated
175	MTC DETOUR	43200	Detour	11 KV Electric line with poles crossing the Track	To be relocated
176	MTC DETOUR	43400	Detour	11 KV Electric line with poles crossing the Track	To be relocated
177	MTC DETOUR	43500	Detour	11 KV Electric line with poles crossing the Track	To be relocated
178	MTC DETOUR	43800	Detour	LT Electric line with poles Crossing the Track	To be relocated
179	MTC DETOUR	43850	Detour	11 KV Electric line with poles with Transformer crossing the Track	To be relocated
180	MTC DETOUR	43900	Detour	11 KV Electric line with poles crossing the Track	To be relocated
181	MTC DETOUR	43920	Detour	11 KV Electric line with poles crossing the Track	To be relocated

Table No. 16					
Contract Package 303					
Chartered Utility List - Electrical Utility					
S.No.	Section	Chainage/KM	Parallel/ Detour	Description	Remarks/Contract Planning Proposed
182	MTC DETOUR	44400	Detour	11 KV Electric line with poles crossing the Track	To be relocated
183	MTC DETOUR	44420	Detour	LT Electric line with poles Crossing the Track	To be relocated
184	MTC DETOUR	44500	Detour	LT Electric line with poles Crossing the Track	To be relocated
185	MTC DETOUR	44980	Detour	LT Electric line with poles Crossing the Track	To be relocated
186	MTC DETOUR	45770	Detour	11 KV Electric line with poles crossing the Track	To be relocated
187	MTC DETOUR	45820	Detour	LT Electric line with poles Crossing the Track	To be relocated
188	MTC DETOUR	46220	Detour	LT Electric line with poles Crossing the Track	To be relocated
189	MTC DETOUR	46355	Detour	One 11 KV Electric line with poles with Transformer and One LT Electric line with poles Crossing the Track	To be relocated
190	MTC DETOUR	46550	Detour	11 KV Electric line with poles crossing the Track	To be relocated
191	MTC DETOUR	47010	Detour	LT Electric line with poles Crossing the Track	To be relocated
192	MTC DETOUR	47300	Detour	11 KV Electric line with poles crossing the Track	To be relocated
193	MTC DETOUR	47450	Detour	11 KV Electric line with poles with Transformer crossing the Track	To be relocated
194	MTC DETOUR	48050	Detour	11 KV Electric line with poles crossing the Track	To be relocated
195	MTC DETOUR	48550	Detour	LT Electric line with poles Crossing the Track	To be relocated
196	MTC DETOUR	48700	Detour	33KV Electric line with poles Crossing the Track	To be relocated
197	MTC DETOUR	48750	Detour	33KV Electric line with poles Crossing the Track	To be relocated
198	MTC DETOUR	48850	Detour	11 KV Electric line with poles crossing the Track	To be relocated
199	MTC DETOUR	48880	Detour	11 KV Electric line with poles crossing the Track	To be relocated
200	MTC DETOUR	48960	Detour	11 KV Electric line with poles crossing the Track	To be relocated
201	MTC DETOUR	49350	Detour	11 KV Electric line with poles crossing the Track	To be relocated
202	MTC DETOUR	49450	Detour	LT Electric line with poles Crossing the Track	To be relocated
203	MTC DETOUR	49600	Detour	11 KV Electric line with poles crossing the Track	To be relocated
204	MTC DETOUR	49700	Detour	LT Electric line with poles Crossing the Track	To be relocated
205	MTC DETOUR	49950	Detour	11 KV Electric line with poles crossing the Track	To be relocated
206	MTC DETOUR	50000	Detour	LT Electric line with poles Crossing the Track	To be relocated
207	MTC DETOUR	50400	Detour	LT Electric line with poles Crossing the Track	To be relocated

Table No. 16					
Contract Package 303					
Chartered Utility List - Electrical Utility					
S.No.	Section	Chainage/KM	Parallel/ Detour	Description	Remarks/Contract Planning Proposed
208	MTC DETOUR	50600	Detour	11 KV Electric line with poles crossing the Track	To be relocated
209	MTC DETOUR	50750	Detour	11 KV Electric line with poles with Transformer crossing the Track	To be relocated
210	MTC DETOUR	50810	Detour	11 KV Electric line with poles infringing ROW	To be relocated
211	MTC DETOUR	51330	Detour	LT Electric line with poles Crossing the Track	To be relocated
212	MTC DETOUR	51350	Detour	LT Electric line with poles Crossing the Track	To be relocated
213	MTC DETOUR	51498	Detour	LT Electric line with poles Crossing the Track	To be relocated
214	MTC DETOUR	51640	Detour	11 KV Electric line with poles crossing the Track	To be relocated
215	MTC DETOUR	52210	Detour	LT Electric line with poles Crossing the Track	To be relocated
216	MTC DETOUR	52505	Detour	LT Electric line with poles Crossing the Track	To be relocated
217	MTC DETOUR	52515	Detour	11 KV Electric line with pole with Transformer crossing the Track	To be relocated
218	MTC DETOUR	52530	Detour	11 KV Electric line with poles crossing the Track	To be relocated
219	MTC DETOUR	52640	Detour	LT Electric line with pole Crossing the Track	To be relocated
220	MTC DETOUR	52750	Detour	11 KV Electric line with poles crossing the Track	To be relocated
221	MTC DETOUR	52800	Detour	LT Electric line with poles Crossing the Track	To be relocated
222	MTC DETOUR	53127	Detour	LT Electric line with poles Crossing the Track	To be relocated
223	MTC DETOUR	53320	Detour	LT Electric line with poles Crossing the Track	To be relocated
224	MTC DETOUR	53880	Detour	LT Electric line with poles Crossing the Track	To be relocated
225	MTC DETOUR	53890	Detour	11 KV Electric line with poles crossing the Track	To be relocated
226	MTC DETOUR	54375	Detour	LT Electric line with poles infringing the ROW	To be relocated
227	MTC DETOUR	54600	Detour	11 KV Electric line with poles crossing the Track	To be relocated
228	MTC DETOUR	54830	Detour	11 KV Electric line with poles crossing the Track	To be relocated
229	MTC DETOUR	54835	Detour	11 KV Electric line with poles crossing the Track	To be relocated
230	MTC DETOUR	55050	Detour	11 KV Electric line with poles with transformer infringing ROW	To be relocated
231	MTC DETOUR	57140	Detour	LT Electric line with poles Crossing the Track	To be relocated
232	MTC DETOUR	57720	Detour	LT Electric line with poles Crossing the Track	To be relocated
233	MTC DETOUR	57816	Detour	11 KV Electric line with poles crossing the Track	To be relocated
234	MTC DETOUR	59300	Detour	LT Electric line with poles Crossing the Track	To be relocated

Table No. 16					
Contract Package 303					
Chartered Utility List - Electrical Utility					
S.No.	Section	Chainage/KM	Parallel/ Detour	Description	Remarks/Contract Planning Proposed
235	MTC DETOUR	59400	Detour	LT Electric line with poles Crossing the Track	To be relocated
236	MTC DETOUR	60200	Detour	11 KV Electric line with poles crossing the Track	To be relocated
237	MTC DETOUR	60360	Detour	One 11 KV Electric line with poles with Transformer and One LT Electric line with poles Crossing the Track	To be relocated
238	MTC DETOUR	60380	Detour	One 11 KV Electric line with poles with Transformer and One LT Electric line with poles Crossing the Track	To be relocated
239	MTC DETOUR	60540	Detour	11 KV Electric line with poles crossing the Track	To be relocated
240	MTC DETOUR	62300	Detour	11 KV Electric line with poles crossing the Track	To be relocated
241	MTC DETOUR	63400	Detour	LT Electric line with poles Crossing the Track	To be relocated
242	MTC DETOUR	63750	Detour	LT Electric line with poles Crossing the Track	To be relocated
243	MTC DETOUR	63800	Detour	LT Electric line with poles Crossing the Track	To be relocated
244	MTC DETOUR	63850	Detour	11 KV Electric line with poles crossing the Track	To be relocated
245	MTC DETOUR	64150	Detour	LT Electric line with poles infringing the ROW	To be relocated
246	MTC DETOUR	64300	Detour	LT Electric line with poles infringing the ROW	To be relocated
247	MTC DETOUR	65570	Detour	11 KV Electric line with poles crossing the Track	To be relocated
248	MTC DETOUR	66140	Detour	11 KV Electric line with poles crossing the Track	To be relocated
249	MTC DETOUR	67750	Detour	11 KV Electric line with poles infringing ROW(Parallel to Track)	To be relocated
250	DAU-SKF	88/4-7	Parallel	LT electric line with poles infringing ROW	To be relocated
251	DAU-SKF	89/3-5	Parallel	11 Electric line with Poles & Transformer infringing ROW	To be relocated
252	SKF-KAT	89/9-10	Parallel	11KV Electric line with Pole Crossing the existing track through underground cable	To be relocated
253	SKF-KAT	89/14-15	Parallel	LT electric line with poles infringing ROW	To be relocated
254	SKF-KAT	90/2-3	Parallel	LT electric line with poles infringing ROW	To be relocated
255	SKF-KAT	90/6-9	Parallel	11KV Electric line with poles	To be relocated
256	SKF-KAT	90/7-10	Parallel	LT electric line with poles infringing ROW	To be relocated
257	SKF-KAT	90/9-10	Parallel	11KV Electric line with poles infringing ROW	To be relocated
258	SKF-KAT	91/5-6	Parallel	LT electric line with poles infringing ROW	To be relocated

Table No. 16					
Contract Package 303					
Chartered Utility List - Electrical Utility					
S.No.	Section	Chainage/KM	Parallel/ Detour	Description	Remarks/Contract Planning Proposed
259	SKF-KAT	92/8-9	Parallel	11KV Electric line with poles infringing ROW, 11KV Electric line with Poles Crossing the existing track through underground cable	To be relocated
260	SKF-KAT	93/8-9	Parallel	11KV Electric line with poles infringing ROW	To be relocated
261	SKF-KAT	96/5-6	Parallel	11KV Electric line with poles with under ground cable	To be relocated
262	SKF-KAT	96/8-9	Parallel	LT electric line with poles infringing ROW	To be relocated
263	SKF-KAT	96/12-13	Parallel	LT electric line with poles infringing ROW	To be relocated
264	SKF-KAT	99/8-9	Parallel	11KV Electric line with poles with under ground cable.	To be relocated
265	SKF-KAT	99/9-10	Parallel	33KV Electric line with poles with provision of under ground cable.	To be relocated
266	SKF-KAT	99/9-10	Parallel	11KV Electric line with Poles Crossing the existing track through under ground cable	To be relocated
267	SKF-KAT	99/12	Parallel	11KV Electric line with Poles Crossing the existing track through under ground cable	To be relocated
268	SKF-KAT	99/16-17	Parallel	11KV Electric line with Pole Crossing the existing track through under ground cable	To be relocated
269	SKF-KAT	100/12-13	Parallel	LT electric line with poles infringing ROW	To be relocated
270	SKF-KAT	100/18-19	Parallel	LT electric line with poles infringing ROW	To be relocated
271	KAT-MSP	100/19-101/1	Parallel	LT electric line with poles infringing ROW	To be relocated
272	KAT-MSP	101/1-2	Parallel	LT electric line with poles infringing ROW	To be relocated
273	KAT-MSP	101/4-5	Parallel	LT electric line with poles infringing ROW	To be relocated
274	KAT-MSP	101/6-7	Parallel	HT Line 11KV with poles and Transformer infringing ROW	To be relocated
275	KAT-MSP	101/9-10	Parallel	LT electric line with poles infringing ROW	To be relocated
276	KAT-MSP	108/13-109/6	Parallel	LT electric line with poles infringing ROW	To be relocated
277	KAT-MSP	110/17-112/3	Parallel	11KV Electric line with poles infringing ROW	To be relocated
278	MOZ DETOUR	300	Detour	11KV Electric line infringing the ROW	To be relocated
279	MOZ DETOUR	640	Detour	11KV Electric line infringing the ROW	To be relocated
280	MOZ DETOUR	950	Detour	11KV Electric line infringing the ROW	To be relocated
281	MOZ DETOUR	1000	Detour	One no of 11KV Electric line infringing the ROW and one no of LT line infringing the ROW.	To be relocated
282	MOZ DETOUR	1200	Detour	11KV Electric line with poles with Transformer crossing the proposed track	To be relocated

Table No. 16					
Contract Package 303					
Chartered Utility List - Electrical Utility					
S.No.	Section	Chainage/KM	Parallel/ Detour	Description	Remarks/Contract Planning Proposed
283	MOZ DETOUR	1270	Detour	11KV Electric line with poles crossing the Track	To be relocated
284	MOZ DETOUR	1430	Detour	11KV Electric line with poles crossing the proposed Track	To be relocated
285	MOZ DETOUR	1470	Detour	11KV Electric line with poles crossing the proposed Track	To be relocated
286	MOZ DETOUR	1500	Detour	LT Electric line with poles with transformer crossing the Track	To be relocated
287	MOZ DETOUR	1550	Detour	LT Electric line with poles crossing the Track	To be relocated
288	MOZ DETOUR	1580	Detour	11KV Electric line with poles crossing the Track	To be relocated
289	MOZ DETOUR	1620	Detour	LT Electric line with poles crossing the Track	To be relocated
290	MOZ DETOUR	1740	Detour	LT Electric line with poles crossing the Track	To be relocated
291	MOZ DETOUR	1760	Detour	33 KV Electric line with poles crossing the Track	To be relocated
292	MOZ DETOUR	1765	Detour	34 KV Electric line with poles crossing the Track	To be relocated
293	MOZ DETOUR	1800	Detour	33 KV Electric line with poles crossing the Track	To be relocated
294	MOZ DETOUR	1810	Detour	11 KV Electric line with pole crossing the Track	To be relocated
295	MOZ DETOUR	1860	Detour	33 KV Electric line with pole crossing the Track	To be relocated
296	MOZ DETOUR	1870	Detour	33 KV Electric line with poles crossing the Track	To be relocated
297	MOZ DETOUR	2400	Detour	LT Electric line with poles crossing the Track	To be relocated
298	MOZ DETOUR	2520	Detour	One 11KV Electric line with poles with Transformer and One LT Electric line infringing the ROW	To be relocated
299	MOZ DETOUR	2620	Detour	11 KV Electric line with poles crossing the Track	To be relocated
300	MOZ DETOUR	2770	Detour	11 KV Electric line with poles crossing the Track	To be relocated
301	MOZ DETOUR	3060	Detour	LT Electric line with poles crossing the Track	To be relocated
302	MOZ DETOUR	3220	Detour	11 KV Electric line with poles crossing the Track	To be relocated
303	MOZ DETOUR	3500	Detour	11 KV Electric line with poles with transformer crossing the Track	To be relocated
304	MOZ DETOUR	3900	Detour	One 11KV Electric line with Transformer and One LT Electric line infringing the ROW	To be relocated
305	MOZ DETOUR	3920	Detour	LT Electric line with poles crossing the Track	To be relocated
306	MOZ DETOUR	4015	Detour	LT Electric line with poles crossing the Track	To be relocated
307	MOZ DETOUR	4060	Detour	LT Electric line with poles crossing the Track	To be relocated
308	MOZ DETOUR	4110	Detour	LT Electric line with poles crossing the Track	To be relocated

Table No. 16					
Contract Package 303					
Chartered Utility List - Electrical Utility					
S.No.	Section	Chainage/KM	Parallel/ Detour	Description	Remarks/Contract Planning Proposed
309	MOZ DETOUR	4170	Detour	LT electric line with poles with transformer infringing the ROW	To be relocated
310	MOZ DETOUR	4465	Detour	11 KV Electric line with poles infringing the ROW	To be relocated
311	MOZ DETOUR	4530	Detour	11 KV Electric line with poles crossing the Track	To be relocated
312	MOZ DETOUR	4670	Detour	11KV Electric line with poles with transformer crossing the Track	To be relocated
313	MOZ DETOUR	4810	Detour	LT Electric line with poles crossing the Track	To be relocated
314	MOZ DETOUR	4830	Detour	LT Electric line with poles crossing the Track	To be relocated
315	MOZ DETOUR	6010	Detour	LT Electric line with poles crossing the Track	To be relocated
316	MOZ DETOUR	6090	Detour	11 KV Electric line with poles with poles crossing the Track	To be relocated
317	MOZ DETOUR	7750	Detour	LT Electric line with poles crossing the Track	To be relocated
318	MOZ DETOUR	7800	Detour	LT Electric line with poles crossing the Track	To be relocated
319	MOZ DETOUR	7850	Detour	LT Electric line with poles crossing the Track	To be relocated
320	MOZ DETOUR	7940	Detour	LT Electric line with poles crossing the Track	To be relocated
321	MOZ DETOUR	8200	Detour	One no of 11 KV and One no of LT Electric line with poles crossing the Track	To be relocated
322	MOZ DETOUR	8450	Detour	LT Electric line with poles crossing the Track	To be relocated
323	MOZ DETOUR	8580	Detour	11 KV Electric line with poles crossing the Track	To be relocated
324	MOZ DETOUR	8610	Detour	LT Electric line with poles crossing the Track	To be relocated
325	MOZ DETOUR	8710	Detour	LT Electric line with poles crossing the Track	To be relocated
326	MOZ DETOUR	8840	Detour	11KV Electric line pole with transformer crossing the Track	To be relocated
327	MOZ DETOUR	8850	Detour	Three no of LT Electric line with poles crossing the Track	To be relocated
328	MOZ DETOUR	8950	Detour	11 KV Electric line with poles crossing the Track	To be relocated
329	MOZ DETOUR	9020	Detour	LT Electric line with poles crossing the Track	To be relocated
330	MOZ DETOUR	9140	Detour	11KV Electric line pole with transformer crossing the Track	To be relocated
331	MOZ DETOUR	9160	Detour	LT Electric line with poles crossing the Track	To be relocated
332	MOZ DETOUR	9220	Detour	11 KV Electric line with poles crossing the Track	To be relocated
333	MOZ DETOUR	9240	Detour	LT Electric line with poles crossing the Track	To be relocated
334	MOZ DETOUR	10280	Detour	LT Electric line with poles crossing the Track	To be relocated

Table No. 16					
Contract Package 303					
Chartered Utility List - Electrical Utility					
S.No.	Section	Chainage/KM	Parallel/ Detour	Description	Remarks/Contract Planning Proposed
335	MOZ DETOUR	10480	Detour	LT Electric line infringing the ROW	To be relocated
336	MOZ DETOUR	10520	Detour	LT Electric line with poles crossing the Track	To be relocated
337	MOZ DETOUR	10580	Detour	33 KV Electric line with poles crossing the Track	To be relocated
338	MOZ DETOUR	10605	Detour	11 KV Electric line with poles crossing the Track	To be relocated
339	MOZ DETOUR	10620	Detour	LT Electric line with poles crossing the Track	To be relocated
340	MOZ DETOUR	10800	Detour	LT Electric line with poles crossing the Track	To be relocated
341	MOZ DETOUR	11050	Detour	11 KV Electric line with poles crossing the Track	To be relocated
342	MOZ DETOUR	11700	Detour	LT Electric line with poles crossing the Track	To be relocated
343	MOZ DETOUR	11790	Detour	33 KV Electric line with poles crossing the Track	To be relocated
344	MOZ DETOUR	11970	Detour	LT Electric line with poles crossing the Track	To be relocated
345	MOZ DETOUR	12180	Detour	11 KV Electric line with poles crossing the Track	To be relocated
346	MOZ DETOUR	12630	Detour	11 KV Electric line with poles crossing the Track	To be relocated
347	MOZ DETOUR	13250	Detour	11 KV Electric line with poles crossing the Track	To be relocated
348	MOZ DETOUR	13280	Detour	11KV Electric line with poles with transformer crossing the Track	To be relocated
349	MOZ DETOUR	13320	Detour	LT Electric line with poles crossing the Track	To be relocated
350	MOZ DETOUR	13380	Detour	LT Electric line with poles crossing the Track	To be relocated
351	MOZ DETOUR	13490	Detour	LT Electric line with poles crossing the Track	To be relocated
352	MOZ DETOUR	13530	Detour	LT Electric line with poles crossing the Track	To be relocated
353	MOZ DETOUR	13830	Detour	LT Electric line with poles crossing the Track	To be relocated
354	MOZ DETOUR	13850	Detour	LT Electric line with poles crossing the Track	To be relocated
355	MOZ DETOUR	14100	Detour	11 KV Electric line with poles crossing the Track	To be relocated
356	MOZ DETOUR	14110	Detour	LT Electric line with poles crossing the Track	To be relocated
357	MOZ DETOUR	14660	Detour	LT Electric line with poles crossing the Track	To be relocated
358	MOZ DETOUR	15315	Detour	11 KV Electric line with poles crossing the Track	To be relocated
359	MOZ DETOUR	15320	Detour	LT Electric line pole with Transformer crossing the Track	To be relocated
360	MOZ DETOUR	15380	Detour	LT Electric line with poles crossing the Track	To be relocated
361	MOZ DETOUR	15460	Detour	LT Electric line with poles crossing the Track	To be relocated

Table No. 16					
Contract Package 303					
Chartered Utility List - Electrical Utility					
S.No.	Section	Chainage/KM	Parallel/ Detour	Description	Remarks/Contract Planning Proposed
362	MOZ DETOUR	15660	Detour	11 KV Electric line with poles crossing the Track	To be relocated
363	MOZ DETOUR	16330	Detour	LT Electric line with poles crossing the Track	To be relocated
364	MOZ DETOUR	16520	Detour	11 KV Electric line with poles crossing the Track	To be relocated
365	MOZ DETOUR	16530	Detour	LT Electric line with poles crossing the Track	To be relocated
366	MOZ DETOUR	16560	Detour	LT Electric line with poles crossing the Track	To be relocated
367	MOZ DETOUR	17160	Detour	LT Electric line with poles crossing the Track	To be relocated
368	MOZ DETOUR	17270	Detour	11 KV Electric line with poles crossing the Track	To be relocated
369	MOZ DETOUR	17320	Detour	11KV Electric line pole infringing to ROW	To be relocated
370	MOZ DETOUR	17370	Detour	11KV Electric line pole infringing to ROW	To be relocated
371	MOZ DETOUR	17430	Detour	11KV Electric line pole infringing to ROW	To be relocated
372	MOZ DETOUR	17460	Detour	11KV Electric line pole with Transformer infringing to ROW	To be relocated
373	MOZ DETOUR	17630	Detour	LT Electric line with poles crossing the Track	To be relocated
374	MOZ DETOUR	19485	Detour	LT Electric line with poles crossing the Track	To be relocated
375	MOZ DETOUR	19550	Detour	LT Electric line with poles crossing the Track	To be relocated
376	MOZ DETOUR	19620	Detour	LT Electric line with poles crossing the Track	To be relocated
377	MOZ DETOUR	19815	Detour	LT Electric line with poles crossing the Track	To be relocated
378	MOZ DETOUR	19880	Detour	11 KV Electric line with poles crossing the Track	To be relocated
379	MOZ DETOUR	19925	Detour	11 KV Electric line with poles crossing the Track	To be relocated
380	MOZ DETOUR	20040	Detour	11 KV Electric line with poles crossing the Track	To be relocated
381	MOZ DETOUR	20450	Detour	LT Electric line with poles crossing the Track	To be relocated
382	MOZ DETOUR	20530	Detour	LT Electric line with poles crossing the Track	To be relocated
383	MOZ DETOUR	21060	Detour	LT Electric line with poles crossing the Track	To be relocated
384	MOZ DETOUR	21110	Detour	LT Electric line with poles crossing the Track	To be relocated
385	MOZ DETOUR	22740	Detour	11 KV Electric line with poles crossing the Track	To be relocated
386	MOZ DETOUR	22790	Detour	LT Electric line with poles crossing the Track	To be relocated
387	MOZ DETOUR	22820	Detour	11KV Electric line pole with transformer crossing the Track	To be relocated
388	MOZ DETOUR	23450	Detour	11 KV Electric line with poles crossing the Track	To be relocated

Table No. 16					
Contract Package 303					
Chartered Utility List - Electrical Utility					
S.No.	Section	Chainage/KM	Parallel/ Detour	Description	Remarks/Contract Planning Proposed
389	MOZ DETOUR	23460	Detour	11 KV Electric line with poles crossing the Track	To be relocated
390	MOZ DETOUR	23500	Detour	11KV Electric line pole with transformer crossing the Track	To be relocated
391	MOZ DETOUR	23920	Detour	11 KV Electric line with poles crossing the Track	To be relocated
392	MOZ DETOUR	24240	Detour	LT Electric line with poles crossing the Track	To be relocated
393	MOZ DETOUR	24280	Detour	11KV Electric line pole with transformer crossing the Track	To be relocated
394	MOZ DETOUR	24320	Detour	33 KV Electric line with poles crossing the Track	To be relocated
395	MOZ DETOUR	24410	Detour	11 KV Electric line with poles crossing the Track	To be relocated
396	MOZ DETOUR	25100	Detour	11 KV Electric line with poles crossing the Track	To be relocated
397	MOZ DETOUR	25250	Detour	11 KV Electric line with poles crossing the Track	To be relocated
398	MOZ DETOUR	26050	Detour	LT Electric line with poles crossing the Track	To be relocated
399	MOZ DETOUR	26150	Detour	LT Electric line with poles crossing the Track	To be relocated
400	MOZ DETOUR	26260	Detour	LT Electric line with poles crossing the Track	To be relocated
401	MOZ DETOUR	26500	Detour	11 KV Electric line with poles crossing the Track	To be relocated
402	MOZ DETOUR	28700	Detour	11 KV Electric line with poles crossing the Track	To be relocated
403	MOZ DETOUR	28850	Detour	LT Electric line with poles crossing the Track	To be relocated
404	MOZ DETOUR	29400	Detour	LT Electric line with poles crossing the Track	To be relocated
405	MOZ DETOUR	29600	Detour	11 KV Electric line with poles crossing the Track	To be relocated
406	MOZ DETOUR	29800	Detour	LT Electric line with poles crossing the Track	To be relocated
407	MOZ DETOUR	30600	Detour	LT Electric line with poles crossing the Track	To be relocated
408	MOZ DETOUR	30750	Detour	LT Electric line with poles crossing the Track	To be relocated
409	MOZ DETOUR	30860	Detour	LT Electric line with poles crossing the Track	To be relocated
410	MOZ DETOUR	30900	Detour	LT Electric line with poles crossing the Track	To be relocated
411	MOZ DETOUR	31800	Detour	11 KV Electric line with poles crossing the Track	To be relocated
412	MOZ DETOUR	32000	Detour	LT Electric line with poles crossing the Track	To be relocated
413	MOZ DETOUR	32150	Detour	11 KV Electric line with poles crossing the Track	To be relocated
414	MOZ DETOUR	32600	Detour	11 KV Electric line with poles crossing the Track	To be relocated
415	MOZ DETOUR	32800	Detour	LT Electric line with poles crossing the Track	To be relocated

Table No. 16					
Contract Package 303					
Chartered Utility List - Electrical Utility					
S.No.	Section	Chainage/KM	Parallel/ Detour	Description	Remarks/Contract Planning Proposed
416	MOZ DETOUR	33000	Detour	LT Electric line with poles crossing the Track	To be relocated
417	MOZ DETOUR	33100	Detour	11 KV Electric line with poles crossing the Track	To be relocated
418	MOZ DETOUR	34000	Detour	11 KV Electric line with poles crossing the Track	To be relocated
419	MOZ DETOUR	34550	Detour	11 KV Electric line with poles crossing the Track	To be relocated
420	MOZ DETOUR	34640	Detour	11 KV Electric line with poles crossing the Track	To be relocated
421	MOZ DETOUR	34680	Detour	11 KV Electric line with poles crossing the Track	To be relocated
422	MOZ DETOUR	34850	Detour	LT Electric line with poles crossing the Track	To be relocated
423	MOZ DETOUR	35480	Detour	33 KV Electric line with poles crossing the Track	To be relocated
424	MOZ DETOUR	36400	Detour	11 KV Electric line with poles crossing the Track	To be relocated
425	MOZ DETOUR	36900	Detour	11 KV Electric line with poles crossing the Track	To be relocated
426	MOZ DETOUR	37100	Detour	11 KV Electric line with poles crossing the Track	To be relocated
427	MOZ DETOUR	37680	Detour	LT Electric line with poles crossing the Track	To be relocated
428	MOZ DETOUR	37790	Detour	11 KV Electric line with poles crossing the Track	To be relocated
429	MOZ DETOUR	38420	Detour	11 KV Electric line with poles crossing the Track	To be relocated
430	MOZ DETOUR	38450	Detour	LT Electric line with poles crossing the Track	To be relocated
431	MOZ DETOUR	38750	Detour	11 KV Electric line with poles crossing the Track	To be relocated
432	MOZ DETOUR	38900	Detour	LT Electric line with poles crossing the Track	To be relocated
433	MOZ DETOUR	39280	Detour	LT Electric line with poles crossing the Track	To be relocated
434	MOZ DETOUR	39440	Detour	LT Electric line with poles crossing the Track	To be relocated
435	MOZ DETOUR	39520	Detour	11 KV Electric line with transformer crossing the Track	To be relocated
436	MOZ DETOUR	39650	Detour	LT Electric line with poles crossing the Track	To be relocated
437	MOZ DETOUR	40100	Detour	LT Electric line with poles crossing the Track	To be relocated
438	DBD-THJ	153/9-10	Parallel	33KV Electric line with Pole Crossing the existing track through underground cable	To be relocated
439	DBD-THJ	153/13-14	Parallel	11 KV Electric line with Poles & Transformer infringing ROW	To be relocated
440	DBD-THJ	153/14-15	Parallel	11 KV Electric line with Poles infringing ROW	To be relocated
441	DBD-THJ	154/2-3	Parallel	11KV Electric line with Pole Crossing the existing track through underground cable	To be relocated

Table No. 16					
Contract Package 303					
Chartered Utility List - Electrical Utility					
S.No.	Section	Chainage/KM	Parallel/ Detour	Description	Remarks/Contract Planning Proposed
442	THJ Stn.	156.54	Parallel	LT with Transfarmer	To be relocated
443	THJ-NGL	156/5-6	Parallel	11 kv	To be relocated
444	THJ-NGL	158/2-3	Parallel	11 kv	To be relocated
445	THJ-NGL	159/15-160/1	Parallel	11 kv	To be relocated
446	THJ-NGL	160/8-9	Parallel	LT	To be relocated
447	THJ-NGL	164/15-16	Parallel	11 kv	To be relocated
448	NGL-TPZ	169/10	Parallel	LT	To be relocated
449	NGL-TPZ	169/10-13	Parallel	11 kv	To be relocated
450	NGL-TPZ	170/11-13	Parallel	LT	To be relocated
451	NGL-TPZ	170/11-13	Parallel	11 kv	To be relocated
452	NGL-TPZ	171/3-4	Parallel	11 kv	To be relocated
453	NGL-TPZ	171/8-9	Parallel	LT	To be relocated
454	NGL-TPZ	173/31	Parallel	11 kv	To be relocated
455	TPZ-SRE	175/27-29	Parallel	11 kv	To be relocated
456	TPZ-SRE	176/13-5	Parallel	11 kv	To be relocated
457	TPZ-SRE	177/1-3	Parallel	33 kv	To be relocated
458	TPZ-SRE	177/13-15	Parallel	33 kv	To be relocated
459	TPZ-SRE	177/13-15	Parallel	33 kv	To be relocated
460	TPZ-SRE	177/13-15	Parallel	33 kv	To be relocated
461	TPZ-SRE	177/19-21	Parallel	33 kv	To be relocated
462	TPZ-SRE	177/19-21	Parallel	11 kv	To be relocated
463	TPZ-SRE	178/29-31	Parallel	11 kv	To be relocated
464	TPZ-SRE	178/29-31	Parallel	11 kv	To be relocated
465	TPZ-SRE	179/9-11	Parallel	11 kv	To be relocated
466	TPZ-SRE	179/9-11	Parallel	11 kv	To be relocated
467	TPZ-SRE	179/11-13	Parallel	33kv	To be relocated
468	TPZ-SRE	179/11-13	Parallel	33 kv	To be relocated
469	TPZ-SRE	179/11-13	Parallel	33 kv	To be relocated
470	TPZ-SRE	179/11-13	Parallel	11 kv	To be relocated
471	TPZ-SRE	179/13-15	Parallel	11 kv	To be relocated
472	TPZ-SRE	179/17-19	Parallel	11 kv	To be relocated
473	TPZ-SRE	180/1	Parallel	11 kv	To be relocated
474	TPZ-SRE	180/3	Parallel	11 kv	To be relocated
475	TPZ-SRE	180/5	Parallel	11 kv	To be relocated
476	TPZ-SRE	180/25-27	Parallel	11 kv	To be relocated
477	TPZ-SRE	180/25-27	Parallel	11 kv	To be relocated

Table No. 16					
Contract Package 303					
Chartered Utility List - Electrical Utility					
S.No.	Section	Chainage/KM	Parallel/ Detour	Description	Remarks/Contract Planning Proposed
478	SRE stn.	180.79	Parallel	LT XLPE cable feeding from Junction BoX near Power house to microwave tower	To be relocated
479	SRE stn.	180.79	Parallel	LT XLPE cable feeding from Power house to pump no. 9A	To be relocated
480	SRE stn.	180.79	Parallel	LT XLPE cable feeding from Power house to Railtel	To be relocated
481	SRE stn.	180.79	Parallel	LT Over Head line 3 phase 8 wire Ac SR conductor feeding from domestic structure to power house.	To be relocated
482	SRE stn.	180.79	Parallel	HT Over Head line 33 KV Ac SR conductor feeding from Court road bridge to power house.	To be relocated
483	SRE stn.	180.79	Parallel	LT XLPE cable feeding from (Loco inspector/ Office junction boX) microwave to Power House	To be relocated
484	SRE stn.	180.79	Parallel	LT XLPE cable feeding from (Loco inspector/ Office junction boX) Pump no. 9 to Power House	To be relocated
485	SRE stn.	180.79	Parallel	LT XLPE cable feeding from (Loco inspector/ Office junction boX) Block No. 80 to Power House	To be relocated
486	SRE stn.	180.79	Parallel	LT XLPE cable feeding from junior running room to Power House	To be relocated
487	SRE stn.	180.79	Parallel	LT XLPE cable feeding from street light to Power House	To be relocated
488	SRE stn.	180.79	Parallel	LT XLPE cable feeding from RDI to Power House	To be relocated
489	SRE stn.	180.79	Parallel	HT U/G 11 KV cable feeding from SS1 Power house to Telephone EXchange	To be relocated
490	SRE stn.	180.79	Parallel	LT XLPE cable feeding from station switch room to Power House	To be relocated
491	SRE stn.	180.79	Parallel	LT XLPE cable feeding from station switch room to Power House	To be relocated
492	SRE stn.	180.79	Parallel	LT XLPE cable feeding from Loco building to Power House	To be relocated
493	SRE stn.	180.79	Parallel	HT U/G 11 KV cable feeding from 33 KV sub-station to SS-II Power House	To be relocated
494	SRE stn.	180.79	Parallel	LT XLPE cable feeding from second entry to Power House	To be relocated
495	SRE stn.	180.79	Parallel	LT XLPE cable feeding from PRS to Power House	To be relocated
496	SRE stn.	180.79	Parallel	LT XLPE cable feeding from RMS/Office to Power House	To be relocated
497	SRE stn.	180.79	Parallel	High Mast tower 30 mtr. Height with 2X400 W fittings.	To be relocated
498	SRE stn.	180.79	Parallel	LT XLPE cable feeding from PF No.6 end to Power House	To be relocated
499	SRE stn.	180.79	Parallel	High Mast fabricated tower 30 mtr. Height with 2X400 W fittings.	To be relocated
500	SRE stn.	180.79	Parallel	LT XLPE cable feeding from SS-II to Pump No.10	To be relocated
501	SRE stn.	180.79	Parallel	LT XLPE cable feeding from SS-II to Khalasi line domestic	To be relocated

Table No. 16					
Contract Package 303					
Chartered Utility List - Electrical Utility					
S.No.	Section	Chainage/KM	Paralle/ Detour	Description	Remarks/Contract Planning Proposed
502	SRE stn.	180.79	Parallel	LT XLPE cable feeding from SS-I to SS-II Power cabin for emergency supply	To be relocated
503	SRE stn.	180.79	Parallel	All complete Buildings infringing Block no. 70-7, 71-7, microwave tower, junior running room, Block no. 80-6, Block no. 82-6, Pump no.9, RPF barak, OBC office & Loco store (Electrical works).	To be relocated
504	SRE-PKY	183/15-17	Parallel	33 kv	To be relocated
505	SRE-PKY	183/15-17	Parallel	33 kv	To be relocated

Table No. 17					
Contract Package 303					
Chartered Utility List - Non - Railway Telecom Utilities					
S.No.	Section	KM(IR)/ Chainage (DFCC)	Parallel/ Detour	Description	Action Required
1	MTC Detour	1/589.873	Detour	20 Pair Telephone Cable	To be relocated/Modified
2	MTC Detour	2/108.937	Detour	50Pair Telephone Cable &OFC	To be relocated/Modified
3	MTC Detour	2/306.031	Detour	OFC/Telephone Cable	To be relocated/Modified
4	MTC Detour	12/229.150	Detour	20Pair Telephone Cable	To be relocated/Modified
5	MTC Detour	13/841.917	Detour	OFC/Telephone Cable	To be relocated/Modified
6	MTC Detour	14/069.707	Detour	OFC/Telephone Cable	To be relocated/Modified
7	MTC Detour	14/507.618	Detour	OFC/50Pair Telephone Cable	To be relocated/Modified
8	MTC Detour	15/643.878	Detour	Telephone Cable	To be relocated/Modified
9	MTC Detour	21/550	Detour	Telephone Cable	To be relocated/Modified
10	MTC Detour	26/280	Detour	Telephone Cable	To be relocated/Modified
11	MTC Detour	27/050	Detour	Telephone Cable	To be relocated/Modified
12	MTC Detour	28/880	Detour	Telephone Cable	To be relocated/Modified
13	MTC Detour	29/125	Detour	Telephone Cable	To be relocated/Modified
14	MTC Detour	35/549	Detour	OFC/Telephone Cable	To be relocated/Modified
15	MOZ Detour	1/790	Detour	OFC/Telephone Cable	To be relocated/Modified