

CORRIGENDUM -1

Dated: 16.12.2020

Request for Proposal (RFP) for Selection of Service Provider for Toll Monitoring & Control Centre
RFP Reference No.: IHMCL/TMCC/2020/02 published on dated 25.11.2020

Sl. No	Section	Original Clause	Updated Clause
1.	Clause 6.2.2.1 point (b) & (h), Clause 6.7.5, Annexure -11 Format for Financial Bid/Proposal	The MSP shall be required to make necessary payment to NIC for cloud space usage. The cloud hosting charges on NIC server shall be reimbursed by IHMCL on actual basis.	The payment for the cloud space usage at NIC shall be borne by IHMCL/NHAI. This will apply wherever mentioned in RFP.
2.	Section 6, Clause 6.2		New Clause: - Internet Connectivity for field equipment For connectivity between on-field equipment, TMS software and Centralized Server, internet Connectivity is available at each plaza through Concessionaire/System Integrator. However, in order to meet out the SLA as mentioned in RFP the MSP shall include provisioning of internet availability at their own cost to ensure effective functioning of equipment and TMCC application.
3.	Section 6, Clause 6.2		New Clause: - Number of fee plazas The current list of Toll Plaza with indicative lane details is given at Annexure-1 of the Corrigendum-1. The number of Toll Plazas is 618 as on date which may increase or decrease during the currency of the contract. In case of increase of number of toll plaza up to extent of 10% there will no extra payment to the Successful Bidder. However, in case number of toll plazas are increased beyond 10%, the Successful Bidder will be paid for such increase beyond 10% on pro-rata basis.

Sl. No	Section	Original Clause	Updated Clause
4.	Clause 6.6, Project Timelines	Project Timelines	Revised Project Timeline is provided in Annexure-3 of this Corrigendum-1
5.	Clause 6.7 Payment Terms	Payment Terms	Revised Payment Terms is provided in Annexure-3 of this Corrigendum-1
6.	Clause 3.21.5, point c)	The Successful bidder shall deploy 6 manpower/examiners who had at least passed graduate examination, and should work in 3 shifts to ensure the real-time monitoring of equipments and data	The Successful bidder shall deploy 3 manpower/examiners in each shift to ensure the real-time monitoring of equipments and data. The manpower/examiners have at least passed graduate examination. The Successful bidder shall also deploy 1 supervisor in each shift for supervision. The supervisor should be graduate and have at least 3 years of working experience as supervisor.
7.	Clause 6.2.2.4. AI Based Video Analytic System point (i)	Real-time video feeds from over 450 NH toll plazas are coming into Control Centre of NHA I from the PTZ Camera installed at these toll plazas.	Real-time video feeds from over 450 NH toll plazas are coming into Control Centre of NHA I from the PTZ Camera installed at these toll plazas as on date. In case access to Lane camera of plazas are provided to successful bidder, the AI based Video Analytic System should be capable of providing count and classification of vehicles with available video feeds.
8.	Clause 6.2.2.3. Real-Time Monitoring System, Point (b) sub point (iii)	The software application shall provide the uptime and health status of critical equipment installed at toll plazas for each lane. Critical equipment/items are RFID reader, AVCC, camera, Lane controller, boom barrier, TMS software and server.	The software application shall provide the uptime and health status of critical equipment installed at toll plazas for each lane. Critical equipment/items are RFID reader, AVCC, camera, Lane controller, boom barrier, TMS software and server. However, based on requirement of IHMCL the number of equipment may be increase up to 20 equipment. The bidder is required to propose the technical solution accordingly.
9.	Clause 8.1, Business Intelligence and Data Analytics Tool Specifications, sub-clause b), Automated Dashboard Design	i. Capable to produce dashboards without the help of IT team for system integration and publish it for the consumption of department users	i. Capable to produce dashboards without the help of IT team for system integration and publish it for the consumption of department users. The provided dashboard should be role based where the information related with particular plaza (s) shall be visible to identified users.

Sl. No	Section	Original Clause	Updated Clause
			The number of users accessing the dashboard should be around 250 in numbers.
10.	Annexure 11: 7.11 Format for Financial Bid/Proposal	7.11 Format for Financial Bid/Proposal	Revised Format for Financial Bid/Proposal is provided at Annexure-2 of this Corrigendum-1
11.	6.2.2.1, Data Lake for Toll data and other project data		<p>Toll Data Lake:</p> <p>Apart from data sources as mentioned in RFP, the software should have features to integrate with different data sources/ get the data from heterogeneous data sources. The software should also be able to store data in heterogenous format /different types and extract relevant data from heterogenous format /different types of a plaza from various software.</p> <p>The software should automatically highlight deficiencies in project documentation, if any. Also, in case of bulk files, the software should automatically establish a link with the actual file location and shall be capable for deriving useful insights.</p>
12.	Section 6.5, Service Levels (SLA)/ Damages		<p>New Clause 6.5.6 - Delay in Integration of TMCC Application with Toll Management Software's of various Toll Plazas including IoT based real time equipment health status</p> <p>In case of delay in integration of TMCC Application with Toll Management Software's of various Toll Plazas including IoT based real time equipment health status as per timelines mentioned in RFP, a penalty of Rs. 10,000/- per plaza per month shall be applied by IHMCL up to a maximum of Rs. 50,000/- per plaza.</p> <p>However, if IHMCL found continuous breach of delay in integration of TMCC Application with Toll Management Software's of various Toll Plazas including IoT based real time equipment health status as per timelines mentioned in RFP, IHMCL may consider termination and forfeit the PBG of the service Provider.</p>

Sl. No	Section	Original Clause		Updated Clause	
13.	4.1, Key Dates	Event Description Bid Due Date for submission on e-tender portal	Date 17 December 2020 till 03:00 PM	Event Description Bid Due Date for submission on e-tender portal	Date 30 December 2020 till 03:00 PM
		Due date for physical submission of following documents at IHMCL office: <ul style="list-style-type: none"> • Document Fee • EMD/Bid Security • Power of Attorney 	17 December 2020 till 04:00 PM	Due date for physical submission of following documents at IHMCL office: <ul style="list-style-type: none"> • Document Fee • EMD/Bid Security • Power of Attorney 	30 December 2020 till 04:00 PM
		Opening of Technical Bids	18 December 2020 till 03:00 PM	Opening of Technical Bids	31 December 2020 till 03:00 PM

Annexure -1 (Indicative Lane Details of Fee Plazas)

S.No	RO	PIU	Plaza Name	No. of Lanes
1	Bangalore	Bangalore	Sadahalli/devanhalli	28
2	Bangalore	Gulbarga	Kamkole	8
3	Bangalore	Gulbarga	Mangalgi	8
4	Bangalore	Bangalore	Mulbagal	8
5	Bangalore	chitradurga	Chokenahalli	14
6	Bangalore	chitradurga	Karajeevanahally	12
7	Bangalore	chitradurga	Guilalu	12
8	Bangalore	chitradurga	Kulumepalya	15
9	Bangalore	Dharwad	Hirebagewadi	12
10	Bangalore	Gulbarga	Bijapur	10
11	Bangalore	Gulbarga	Nagarhalla Distt Bagalkot	10
12	Bangalore	Hasan	Bellur Cross Toll Plaza, Karabylu Village	10
13	Bangalore	Hasan	Doddakarenahalli (Nelamangala Toll) Karekal Cross	10
14	Bangalore	Hospet	vanagari	12
15	Bangalore	Hospet	Km 283.500 near shahapur vill.	12
16	Bangalore	Hospet	Km. 288.00 Near Hintal vill.	18
17	Bangalore	Ramnagara	Attibele Grade section Toll Plaza at KM 32/700	14
18	Bangalore	Ramnagara	Electronic City Elevated: 1) Bangalore Up Ramp @ chainage KM 18/000	18
19	Bangalore	Bangalore	Gaddurur	10
20	Bangalore	Bangalore	Hoskote	14
21	Bangalore	Bangalore	Towards Bangalore Km.26.075	7
22	Bangalore	Bangalore	Towards Nelamangala Km.14.875	8
23	Bangalore	Hasan	Kirasave	10
24	Bangalore	Hasan	Shanthigrama	10
25	Bangalore	Mangalore	Hejamady Km 347.180	14
26	Bangalore	Mangalore	Sasthan (Gundmi) Km 300.480	10
27	Bangalore	Mangalore	Talapady Km 16.600	10
28	Bhopal	Shivpuri	Panihaar	12
29	Bhopal	Shivpuri	MudKheda	12
30	Bhopal	Shivpuri	Ramnagar	8
31	Bhopal	Shivpuri	Raksa	8
32	Bhopal	Shivpuri	Mundiyar	8
33	Bhopal	Indore	Rojwas	16
34	Bhopal	Indore	Chhapra	16
35	Bhopal	Indore	Sonway	10
36	Bhopal	Indore	Khalghat Toll Plaza	10
37	Bhopal	Indore	Jamli Toll Pllaza	10
38	Bhopal	Shivpuri	Purankhedi Toll Plaza	10
39	Bhopal	Shivpuri	Pagara Toll Plaza	10

S.No	RO	PIU	Plaza Name	No. of Lanes
40	Bhopal	Shivpuri	Jogipura Toll Plaza	10
41	Bhopal	Shivpuri	Guna Bypass	8
42	Bhopal	Narsinghpur	titarpani	8
43	Bhopal	Narsinghpur	malthon	8
44	Bhopal	Narsinghpur	chithora	8
45	Bhopal	Narsinghpur	Bakoli	8
46	Bhopal	Indore	IDTL Toll Plaza-B	8
47	Bhopal	Indore	IDTL Toll Plaza-A	16
48	Bhopal	Indore	Dattigaon	10
49	Bhopal	Indore	Methawada	10
50	Bhopal	Chindwara	Kelwad	4
51	Bhopal	Chindwara	Jungawani	4
52	Bhopal	Chindwara	Jaitpur	4
53	Bhopal	Chindwara	Fulara	6
54	Bhopal	Chindwara	Chikhalikala	6
55	Bhopal	Katni	Kherwasaani	8
56	Bhopal	Jabalpur	Mohtara	8
57	Bhopal	Chhatarpur	Mungwari	6
58	Bhopal	Chhatarpur	Ujara	8
59	Bhopal	Bhopal	Sehatganj	6
60	Bhubaneswar	Sambalpur	Barahagoda	8
61	Bhubaneswar	Bhubaneswar	Manguli	10
62	Bhubaneswar	Keonjhar	Khantaghar	10
63	Bhubaneswar	Keonjhar	Hasanpurin	10
64	Bhubaneswar	Keonjhar	Banajodi	10
65	Chandigarh	Rohtak	RAMYANA Toll Plaza	14
66	Chandigarh	Rohtak	Makrauli Kalan Toll Plaza	10
67	Chandigarh	Rohtak	Madina Toll Plaza	14
68	Chandigarh	Rohtak	Dahar Toll Plaza	10
69	Chandigarh	Mohali	dapar	12
70	Chandigarh	Mohali	Dhareri Jattan	10
71	Chandigarh	Mohali	Azizpur	12
72	Chandigarh	Jalandhar	Waryam Nangal Toll Plaza	10
73	Chandigarh	Jalandhar	Ladpalwan	10
74	Chandigarh	Jalandhar	JATL Nijerpura Toll Plaza	8
75	Chandigarh	Jalandhar	JATL Dhilwan Toll Plaza	8
76	Chandigarh	Jalandhar	Harsa Mansar	7
77	Chandigarh	Jalandhar	Chollang Toll Plaza	10
78	Chandigarh	Bhatinda	Zidda	10
79	Chandigarh	Jalandhar	Usma	10
80	Chandigarh	Jalandhar	Kot karor kalan	10
81	Chandigarh	Rohtak	Narwana	12
82	Chandigarh	Rohtak	Chaudhrivyas	12

S.No	RO	PIU	Plaza Name	No. of Lanes
83	Chandigarh	Rohtak	Badopatti	12
84	Chandigarh	Hisar	Landhari	12
85	Chandigarh	Hisar	Khuian Malkan	14
86	Chandigarh	Hisar	Bhavdeen	14
87	Chandigarh	Chandigarh	Chandimandir Toll Plaza	14
88	Chandigarh	Mohali	behampur	12
89	Chandigarh	Chandigarh	Milkmajara	16
90	Chandigarh	Bhatinda	Lehrabega	10
91	Chandigarh	Chandigarh	Kalajhar	12
92	Chandigarh	Bhatinda	Badbar	10
93	Chandigarh	Ambala	Sambhu Toll Plaza	13
94	Chandigarh	Ambala	Ladowal Toll Plaza	16
95	Chandigarh	Ambala	L&T PANIPAT	21
96	Chandigarh	Ambala	Gharonda Toll Plaza	24
97	Chandigarh	Bhatinda	Paind	10
98	Chandigarh	Rohtak	Rohad Toll Plaza	12
99	Chandigarh	Rohtak	Jat Gangaicha Toll Plaza	12
100	Chandigarh	Rohtak	Dighal Toll Plaza	12
101	Sonipat	Sonipat	Bhagan	19
102	Chennai	Vellupuram	Vikravandi	16
103	Chennai	Salem	Veeracholapuram	10
104	Chennai	Salem	Palayam	12
105	Chennai	Salem	Omallur	12
106	Chennai	Salem	Nathakarai	10
107	Chennai	Salem	Mettupatti	10
108	Chennai	Krishnagiri	Krishnagiri	12
109	Chennai	Karur	Thirupuvaithurai	4
110	Chennai	Kancheepuram	(Sriperumbadur) Nemili	10
111	Chennai	Karur	Rashampalayam	12
112	Chennai	Karur	Manavasi	10
113	Chennai	Coimbatore	Kaniyur	10
114	Chennai	Vellupuram	Moratandi	8
115	Chennai	Salem	Vijayamangalam	10
116	Chennai	Salem	Vaiguntham	10
117	Chennai	Krishnagiri	Vaniyambadi	10
118	Chennai	Krishnagiri	Pallikonda	10
119	Chennai	Kancheepuram	Chennasamudram	10
120	Chennai	Chennai	Pattarai	6
121	Dehradun	Rudrapur	Banushi	8
122	Dehradun	Rudrapur	Deoria	14
123	Delhi	Mathura	Srinagar	12
124	Delhi	Mathura	Mahuvan	14
125	Delhi	Gurgaon	IGIA	3
126	Delhi	Ghaziabad	Chajjarasi	18
127	Delhi	EPE	Mawikalan	12
128	Delhi	EPE	Maujpur	8

S.No	RO	PIU	Plaza Name	No. of Lanes
129	Delhi	EPE	Jakhauli	15
130	Delhi	EPE	Fatehpur Rampur	12
131	Delhi	EPE	Duhai	17
132	Delhi	EPE	Dasna	16
133	Delhi	EPE	Chhaju Nagar	18
134	Delhi	EPE	Bilakbarpur	20
135	Delhi	Gurgaon	Khedki Daula	26
136	Gandhinagar	Surat	Mandal/Vyara	14
137	Gandhinagar	Surat	Khaniwade	10
138	Gandhinagar	Surat	Charoti	14
139	Gandhinagar	Surat	Choriyasi	18
140	Gandhinagar	Surat	Boriach	18
141	Gandhinagar	Surat	Bhatia	12
142	Gandhinagar	Bharuch	Bharthana/ Karjan	22
143	Gandhinagar	Surat	Bhagwada	14
144	Gandhinagar	Surat	Narmada Bridge	18
145	Gandhinagar	Rajkot	Pithadiya	10
146	Gandhinagar	Rajkot	Bharudi	10
147	Gandhinagar	Gandhidham	Varahi	10
148	Gandhinagar	Gandhidham	Samakhiyali	18
149	Gandhinagar	Gandhidham	Mokha	14
150	Gandhinagar	Gandhidham	Makhel	10
151	Gandhinagar	Gandhidham	Bhiladi	10
152	Gandhinagar	Gandhidham	Belgaum	12
153	Gandhinagar	Ahmedabad	Vavadikhurd	8
154	Gandhinagar	Ahmedabad	Vasad	14
155	Gandhinagar	Ahmedabad	Vadodara	15
156	Gandhinagar	Ahmedabad	Ring Road	9
157	Gandhinagar	Ahmedabad	Pithai	8
158	Gandhinagar	Ahmedabad	Nadiad	8
159	Gandhinagar	Ahmedabad	Kheda	14
160	Gandhinagar	Godhra	Bhatwada	8
161	Gandhinagar	Ahmedabad	Anand	8
162	Gandhinagar	Ahmedabad	Ahmedabad	9
163	Gandhinagar	Somnath	Gadoi	10
164	Gandhinagar	Somnath	Dari	10
165	Guwahati	Shillong	Pasyih	6
166	Guwahati	Shillong	Lomshinong	6
167	Hyderabad	Hyderabad	Chillakallu	14
168	Hyderabad	Warangal	Gudur	12
169	Hyderabad	Nirmal	Indalwai	12
170	Hyderabad	Hyderabad	Pantagi	18
171	Hyderabad	Hyderabad	Koralphad	14
172	Hyderabad	Hyderabad	Raikal	12
173	Hyderabad	Hyderabad	Shakapur	12
174	Jaipur	Udaipur	Negadiya	12

S.No	RO	PIU	Plaza Name	No. of Lanes
175	Jaipur	Udaipur	Mandawada	10
176	Jaipur	Udaipur	Khandi Obri	12
177	Vijayawada	Anantpur	Jelli Palli	NA
178	Jaipur	Udaipur	Malera/Pindwara	10
179	Jaipur	Udaipur	Jaswantgarh/Gogunda	10
180	Jaipur	Reengus	Tatiyawas	10
181	Jaipur	Reengus	Shobhasar	6
182	Jaipur	Reengus	Lasedi	6
183	Jaipur	Reengus	Dhadhar	6
184	Jaipur	Bundi / Swaimadhampur	Gumanpura	6
185	Jaipur	Kota	Kishorepura	10
186	Jaipur	Kota	g	8
187	Jaipur	Kota	Kota Bypass/Sakatpur Nayagaon	4
188	Jaipur	Kota	Fatehpur	8
189	Jaipur	Jodhpur	Uthamam	10
190	Jaipur	Jodhpur	Raipur	10
191	Jaipur	Jodhpur	Indranagar	10
192	Jaipur	Jodhpur	Birami	10
193	Jaipur	Jodhpur	Motisar/Khanori	8
194	Jaipur	Jodhpur	Jasnath Nagar	8
195	Jaipur	Jodhpur	Doli	8
196	Jaipur	Jaipur	Thikariya	16
197	Jaipur	Jaipur	Sonwa	8
198	Jaipur	Jaipur	Shahjahanpur	25
199	Jaipur	Jaipur	Kishangarh	16
200	Jaipur	Jaipur	Barkheda	10
201	Jaipur	Jaipur	Nekawala	6
202	Jaipur	Dausa	Sikandra	8
203	Jaipur	Dausa	Rajadhok	8
204	Jaipur	Dausa	Ludhwai	10
205	Jaipur	Dausa	Korai	8
206	Jaipur	Dausa	Amoli	10
207	Jaipur	Chittorgarh	Rupa Kheda	10
208	Jaipur	Chittorgarh	Mujras	8
209	Jaipur	Ajmer	Km 40.75 Khedi (Bandanwara)	14
210	Jaipur	Chittorgarh	Jojro Ka Kheda	12
211	Gandhinagar	Godhra	Limdi	6
212	Jaipur	Bikaner	Salasar	10
213	Jaipur	Bikaner	Nokhra	8
214	Jaipur	Bikaner	Kheerwa	8
215	Jaipur	Barmer	Nimbiya ki Dhani (bayatu)	6
216	Jaipur	Barmer	Nimbasar	8
217	Jaipur	Barmer	Khair fakir ki dhani	8
218	Jaipur	Barmer	Hathitala	8
219	Jaipur	Barmer	Bor Charnan	6

S.No	RO	PIU	Plaza Name	No. of Lanes
220	Jaipur	Ajmer	Pipalaz	16
221	Jaipur	Ajmer	Gegal	16
222	Jaipur	Jodhpur	Morani/ Pokaran	8
223	Jaipur	Reengus	Nimbhi Jodhan	8
224	Jaipur	Reengus	Harimma	8
225	Jaipur	Jaipur	Manoharpur	12
226	Jaipur	Jaipur	Daulatpura	14
227	Jaipur	Dausa	Rajora Khurd	8
228	Jaipur	Dausa	Kondar	8
229	Jaipur	Dausa	Chilachond	8
230	Jaipur	Chittorgarh	Lambia	16
231	Jaipur	Chittorgarh	Dhaneshwar Vil.	10
232	Jaipur	Chittorgarh	Bassi Vil.	10
233	Jaipur	Chittorgarh	Aroli Vil.	6
234	Jaipur	Ajmer	Tamdoli	8
235	Jaipur	Ajmer	Banthadi	8
236	Jaipur	Chittorgarh	Khachrol	6
237	Jaipur	Bikaner	Ram devra	8
238	Jaipur	Bikaner	Lathi	8
239	Jammu	Jammu	Mada Nasri	4
240	Jammu	Jammu	Bann	8
241	Jammu	Srinagar	Kachkoot	4
242	Jammu	Jammu	Thandikhui	8
243	Jammu	Jammu	Lakhanpur	12
244	Kerala	Palakkad	Pampampallam	10
245	Kerala	Coachin	Kumbalam	8
246	Kerala	Palakkad	Palliyekarra	12
247	Kolkata	Kolkata	Rajchandrapur Toll Plaza	16
248	Kolkata	Kolkata	Jaladhulagori toll plaza	16
249	Kolkata	Kolkata	Debra toll plaza	10
250	Kolkata	Kharagpur	Rampura	10
251	Kolkata	Kharagpur	Laxmanath	10
252	Kolkata	Durgapur	Beliyad toll plaza	7
253	Kolkata	Durgapur	BANSKOPA	16
254	Kolkata	Malda	Shibpur Plaza	12
255	Kolkata	Malda	Gajol	12
256	Kolkata	Malda	Chandermore Plaza	12
257	Kolkata	Malda	18th Mile Toll Plaza	12
258	Lucknow - East	Raebareli	Jindpur	6
259	Lucknow - East	Raebareli	Nuruddinpur	6
260	Lucknow - East	Raebareli	Kunwarpur	6
261	Lucknow - East	Lucknow	Ronahi	10
262	Lucknow - East	Lucknow	Nawabganj	10
263	Lucknow - East	Lucknow	Khairabad near Karondi	10
264	Lucknow - East	Lucknow	Itunja near Barabhari	10
265	Lucknow - East	Lucknow	Ahmedpur	10

S.No	RO	PIU	Plaza Name	No. of Lanes
266	Lucknow - East	Lucknow	Dakshinashekhpur	10
267	Lucknow - East	Lucknow	Aaini	6
268	Lucknow - East	Raebareli	Aihar	6
269	Lucknow - East	Gorakhpur	Tendua	10
270	Lucknow - East	Gorakhpur	Salemgarh	10
271	Lucknow - East	Gorakhpur	Muziana Hetim	8
272	Lucknow - East	Gorakhpur	Mandwanagar	10
273	Lucknow - East	Gorakhpur	Chaukadi	8
274	Lucknow - East	Prayagraj	Sujala	10
275	Lucknow - East	Prayagraj	Sihori Uparhar/Kokhraj	10
276	Lucknow - East	Prayagraj	Rajapur Maksudan/Soraon	4
277	Lucknow - East	Prayagraj	Bhopatpur/Sahson	4
278	Lucknow - East	Prayagraj	Adampur/Nawabganj	4
279	Lucknow - East	Prayagraj	Mungari	4
280	Lucknow - East	Prayagraj	Ganne	8
281	Lucknow - East	Prayagraj	Amreha	4
282	Lucknow - East	Azamgarh	Amdi	8
283	Lucknow - West	Kanpur	Khanna	6
284	Lucknow - West	Kanpur	Barajod (earlier Sikandara)	18
285	Lucknow - West	Kanpur	Anantram	16
286	Lucknow - West	Kanpur	Aliyapur	6
287	Lucknow - West	Aligarh	Somna	10
288	Lucknow - West	Aligarh	Luharli	10
289	Lucknow - West	Agra	Tundla	14
290	Lucknow - West	Agra	Madrak	6
291	Lucknow - West	Agra	Gaurau	12
292	Lucknow - West	Agra	Baras	6
293	Lucknow - West	Moradabad	Thirya Khetal	12
294	Lucknow - West	Moradabad	Niyamatpur	12
295	Lucknow - West	Moradabad	Joya	10
296	Lucknow - West	Moradabad	Brijghat	16
297	Lucknow - West	Meerut	Sivaya	12
298	Lucknow - West	kanpur	Katoghan	6
299	Lucknow - West	Moradabad	Belon	8
300	Lucknow - West	Moradabad	Mohammad Ibrahimpur	8
301	Madurai	Trichy	Thirumandurai	12
302	Madurai	Trichy	Sengurichi	12
303	Madurai	Trichy	Samayapuram	12
304	Madurai	Trichy	Ponamballapatti	8
305	Madurai	Thanjavur	Valavanthankottai	12
306	Madurai	Madurai	Kodai	10
307	Madurai	Dindigul	Valanchettiyur	12
308	Madurai	Karaikudi	Thiruppachethi	12
309	Madurai	Tuticorin	Pullurpandiapuram	12
310	Madurai	Tuticorin	Eliyarpatti	12
311	Madurai	Karaikudi	Shenbagampettai	6

S.No	RO	PIU	Plaza Name	No. of Lanes
312	Madurai	Karaikudi	Palaya Gandharvakottai	6
313	Mumbai	Solapur	Yedeshi	12
314	Mumbai	Solapur	Varwade	12
315	Mumbai	Solapur	Tamlawadi	12
316	Mumbai	Solapur	Sawaleshwar Toll Plaza	12
317	Mumbai	Pune	Khed-Shivapur	20
318	Mumbai	Pune	Anewadi	16
319	Mumbai	Pune	hivargaon Pavsas	12
320	Mumbai	Pune	chalakwadi	12
321	Mumbai	Pune	Sardewadi	10
322	Mumbai	Pune	Patas	12
323	Mumbai	Nashik	Laling/Dhule	10
324	Mumbai	Nashik	Ghoti	10
325	Mumbai	Nashik	Chandwad toll plaza	10
326	Mumbai	Nashik	Arjunalli	10
327	Mumbai	Kolhapur	Taswade	8
328	Mumbai	Kolhapur	Kini	8
329	Nagpur	Nagpur	Sendurwafa toll plaza	8
330	Nagpur	Nagpur	Mathni/Mahuda	10
331	Nagpur	Nagpur	MANSAR/Khumari	6
332	Nagpur	Nagpur	Nagpur Bypass Check TP	10
333	Nagpur	Nagpur	Milampur	10
334	Nagpur	Nagpur	Khambara	10
335	Nagpur	Dhule	SONGIR	10
336	Chandigarh		Chaukiman	NA
337	Nagpur	Dhule	SHIRPUR	10
338	Nagpur	Aurangabad	Pargaon	12
339	Nagpur	Aurangabad	Padalshingi	12
340	Nagpur	Aurangabad	Malewadi	12
341	Nagpur	Amravati	Nandgaon	10
342	Nagpur	Amravati	Karanja	8
343	Nagpur	Amravati	Gondkhairi	8
344	Nagpur	Nagpur	Patanswangi	4
345	Patna	Sasaram	sasaram	12
346	Patna	Sasaram	mohania	12
347	Patna	Sasaram	Daffi	11
348	Patna	Darbhanga	Raje	10
349	Patna	Darbhanga	Manhth maniyari	8
350	Patna	Darbhanga	Maithi	10
351	Patna	Darbhanga	Hariabara	10
352	Patna	Darbhanga	Govindpur	7
353	Patna	Hajipur	Saidpur Patheda	10
354	Patna	Patna	Didarganj	12
355	Patna	Darbhanga	ASANPUR	10
356	Raipur	Raipur	Thakurtola	8
357	Raipur	Raipur	Dhandanaka/Durg Bypass	8

S.No	RO	PIU	Plaza Name	No. of Lanes
358	Raipur	Dhamtari	Dhank	8
359	Raipur	Dhamtari	Chuhipali	8
360	Raipur	Bilaspur	Lakholi	8
361	Raipur	Dhamtari	Jagtara	6
362	Raipur	Dhamtari	Mashora	6
363	Raipur	Dhamtari	Badaiyiguda	6
364	Raipur	Raipur	Kumhari	6
365	Raipur	Bilaspur	Muripara	16
366	Ranchi	Ranchi	Pundag	14
367	Ranchi	Dhanbad	Tand Balidih	8
368	Vijayawada	Vijayawada	Keesara	8
369	Vijayawada	Nellore	Venkatachelam/Nellore	8
370	Vijayawada	Nellore	tangatur	14
371	Vijayawada	Nellore	Musunur	14
372	Vijayawada	Nellore	Budnam	8
373	Vijayawada	Nellore	Bollapalli	14
374	Vijayawada	Nandyal	Pallempalli	11
375	Vijayawada	Nandyal	Nannuru	12
376	Vijayawada	Nandyal	Chagalmarri	12
377	Vijayawada	Anantpur	Marur	12
378	Vijayawada	Anantpur	kasepalli	12
379	Vijayawada	Anantpur	Amakthadu	12
380	Vijayawada	Amravati	Kaza	16
381	Vijayawada	Vishakhapatnam	Gosthani gate	3
382	Vijayawada	Vijayawada	Davuluru	8
383	Vijayawada	Anantpur	Halaharvi	6
384	Vijayawada	Nellore	Sullurpet	8
385	Vijayawada	Rajahmundry	Gollaprolu	8
386	Vijayawada	Nandyal	Chapirevula	12
387	Bangalore	Bangalore	Bagepalli	8
388	Bangalore	chitradurga	Chalageri	12
389	Bangalore	chitradurga	Hebbalu	12
390	Bangalore	Dharwad	Bankapur	10
391	Bangalore	Dharwad	Hattargi	12
392	Bangalore	Dharwad	Kognoli	12
393	Bangalore	Mangalore	Brahamarkotlu	4
394	Bangalore	Mangalore	Surathkal	8
395	Bhopal	Katni	Sonvarsa	6
396	Bhopal	Katni	Khadda	6
397	Bhopal	Gwalior	Mehra	8
398	Bhopal	Chindwara	Allonia	10
399	Bhopal	Katni	Shadol	6
400	Bhopal	Katni	Pathoroundi	6
401	Bhopal	Katni	Majhgawan	6
402	Bhopal	Jabalpur	Saliwada	6

S.No	RO	PIU	Plaza Name	No. of Lanes
403	Bhopal	Jabalpur	Pandutala	6
404	Bhubaneswar	Bhubaneswar	Pipli	8
405	Bhubaneswar	Dhenkanal	Gurapalli	8
406	Bhubaneswar	Balasore	Sergarh	8
407	Bhubaneswar	Bhubaneswar	Srirampur	8
408	Bhubaneswar	Balasore	Panikholi	8
409	Bhubaneswar	Dhenkanal	Gangapada\Gudipada	10
410	Chandigarh	Jalandhar	Chiddan	10
411	Chennai	Chennai	Vanagaram	6
412	Chennai	Chennai	SV Puram	12
413	Chennai	Chennai	Surapattu	12
414	Chennai	Kancheepuram	Paranur	12
415	Chennai	Chennai	Nallur	14
416	Chennai	Kancheepuram	Athur	10
417	Chennai	Chennai	Mathur	10
418	Gandhinagar	Gandhidham	Undvariya Distt Sirohi	8
419	Gandhinagar	Rajkot	Vanana	10
420	Gandhinagar	Rajkot	Vaghasia	10
421	Gandhinagar	Rajkot	Dumiyani	10
422	Gandhinagar	Gandhidham	Surajbari	10
423	Gandhinagar	Ahmedabad	Vantada	10
424	Gandhinagar	Gandhidham	Khemana	8
425	Gandhinagar	Ahmedabad	Kathpura	10
426	Guwahati	Shillong	Pahammawlein	7
427	Guwahati	Shillong	Deingpasoh	6
428	Guwahati	Nagaon	Raha	10
429	Guwahati	Bongoigaon	Dahalapara	10
430	Hyderabad	Nirmal	Rolmamda	12
431	Hyderabad	Nirmal	Pippalwada	12
432	Hyderabad	Nirmal	Gamjal	12
433	Hyderabad	Khammam	Chinthapally	6
434	Hyderabad	Hyderabad	Pullur	12
435	Hyderabad	Hyderabad	Konetipuram	6
436	Hyderabad	Nirmal	Manoharabad	6
437	Hyderabad	Nirmal	Bhiknoor	8
438	Hyderabad	Hyderabad	Kadthal	6
439	Hyderabad	Warangal	Muthojipet	4
440	Jaipur	Udaipur	Narayanpura	12
441	Jaipur	Reengus	Akhepura	12
442	Jaipur	Kota	Methoon	6
443	Jaipur	Ajmer	Para	6
444	Jaipur	Ajmer	Lilamba	6
445	Jaipur	Jodhpur	Tankala	6
446	Jaipur	Jodhpur	Netra	6
447	Jaipur	Hanumangarh	6ML @ km 229.100	6

S.No	RO	PIU	Plaza Name	No. of Lanes
448	Kerala	Coachin	Poonarimangalam	10
449	Kolkata	Kolkata	Sonapetya	12
450	Kolkata	Jalpaiguri	Surjapur	10
451	Kolkata	Jalpaiguri	Paschim Madeti	14
452	Kolkata	Durgapur	Palsit	12
453	Kolkata	Durgapur	Dhankuni	12
454	Dehradun	Roorkee	Sarsawa	NA
455	Vijayawada	Kadapa	Bandapalli	NA
456	Kolkata	Jalpaiguri	Guabari	8
457	Lucknow - East	Lucknow	Gulalpurva	6
458	Lucknow - East	Prayagraj	Lalanagar	6
459	Lucknow - East	Gorakhpur	Nainsar	6
460	Lucknow - East	Gorakhpur	Chapwa	6
461	Lucknow - East	Lucknow	shahabpur	6
462	Lucknow - East	Raebareli	Bharatkund	6
463	Lucknow - East	Gorakhpur	Hadwa	6
464	Lucknow - West	Kanpur	Usaka(Chameri)	10
465	Lucknow - West	Kanpur	Badauri	6
466	Lucknow - West	Jhansi	Semri	10
467	Lucknow - West	Jhansi	Ait	10
468	Lucknow - West	Jhansi	Vighakhet	8
469	Lucknow - West	Jhansi	Babina	8
470	Lucknow - West	Agra	Raibha	10
471	Madurai	Trichy	Chittampatti	10
472	Madurai	Trichy	Boothakudi	10
473	Madurai	Tuticorin	Vaghaikulam(Pudukottai)	6
474	Madurai	Madurai	Salaipudhur	10
475	Madurai	Madurai	Nanguneri	12
476	Madurai	Karaikudi	Lembalakudi	6
477	Madurai	Karaikudi	Lechchumanapatti	8
478	Madurai	Madurai	Kappalur	10
479	Madurai	Madurai	Etturvattum	10
480	Mumbai	Nashik	Baswant	16
481	Mumbai	Ahmednagar	Dumbarwadi	6
482	Mumbai	Ahmednagar	Dhoki	6
483	Mumbai	Ahmednagar	Badewadi	6
484	Nagpur	Nagpur	Daroda	10
485	Nagpur	Yavatmal	Kelapur	4
486	Patna	Darbhanga/ Muzaffarpur	Parsoni Khem	10
487	Patna	Sasaram	SauKala	12
488	Patna	Begusarai	Maranga	6
489	Patna	Begusarai	Kharik	6
490	Patna	Purnia	Barsoni	10

S.No	RO	PIU	Plaza Name	No. of Lanes
491	Patna	Munger	Balgudar	4
492	Patna	Darbhanga	Runni	8
493	Patna	Chhapra	Birindawan	6
494	Patna	Chhapra	Chapraitha	6
495	Patna	Chhapra	Sonho	6
496	Patna	Chhapra	Pokharia	6
497	Ranchi	Hazaribagh	Rasoiya Dhamna	12
498	Ranchi	Dhanbad	Ghangari	6
499	Ranchi	Dhanbad	Sosokhurd	6
500	Vijayawada	Amravati	Millampalli	6
501	Vijayawada	Vishakhapatnam	Panchvati colony	8
502	Vijayawada	Vishakhapatnam	Laxmipuram	8
503	Vijayawada	Vishakhapatnam	Bellupada	8
504	Vijayawada	Vishakhapatnam	Madapam	8
505	Vijayawada	Vishakhapatnam	Chilakapalem	8
506	Vijayawada	Vishakhapatnam	AGANAMPUDI	8
507	Vijayawada	Vijayawada	Pottipudu	8
508	Vijayawada	Vishakhapatnam	Nathavalasa	8
509	Vijayawada	Vijayawada	Kalaparru	8
510	Vijayawada	Vijayawada	Badava	6
511	Vijayawada	Tirupati	Durgamvaripalli	6
512	Vijayawada	Rajahmundry	Vemapadu	8
513	Vijayawada	Rajahmundry	Unguturu	6
514	Vijayawada	Rajahmundry	Krishnavaram	8
515	Vijayawada	Rajahmundry	Eethakota	6
516	Vijayawada	Nellore	Rapur	6
517	Vijayawada	Nellore	DC Palli	6
518	Vijayawada	Nellore	Chintalapalem	6
519	Vijayawada	Nellore	Buchireddypalem	6
520	Vijayawada	Nellore	Brahmanapalli	6
521	Vijayawada	Anantpur	Basapuram	6
522	Vijayawada	Amravati	Raaviguntapalli	6
523	Vijayawada	Amravati	Mekalavaripalli	6
524	Ranchi	Dhanbad	Navasari	6
525	Ranchi	Sahibganj	Kothiya	6
526	Lucknow - East	Gorakhpur	Akshda	6
527	Bhubaneswar	Sambalpur	Brajarajnar (Nuadeeh)	6
528	Ranchi	Jamsedhpur	Kokpara	16
529	Bangalore	Ramnagara	Kannegala	6
530	Bangalore	Ramnagara	K N Huindy	8
531	Bangalore	Ramnagara	Yeddore	6
532	Bangalore	Gulbarga	Kannole	4
533	Bangalore	Gulbarga	Harwal	4
534	Lucknow - East	Raebareli	Aindhi	6
535	Lucknow - East	Lucknow	Bara	16
536	Lucknow - East	Lucknow	Asroga	16

S.No	RO	PIU	Plaza Name	No. of Lanes
537	Madurai	Karaikudi	Bogalur	6
538	Kolkata	Durgapur	KM 267.250 of NH 60 Mejia	6
539	Kolkata	Jalpaiguri	KM 801.120 of NH 31, Pundibari-Baxirhat	6
540	Kolkata	Kolkata North	KM 114.430 of NH 117 Namkhana	4
541	Kolkata	Jalpaiguri	KM 9.640 of NH 2 KaKarvita	6
542	Kolkata	Jalpaiguri	KM 74.490 of NH 48 Rangali Bajna	6
543	Kolkata	Jalpaiguri	Sulka para	8
544	Kolkata	Durgapur	KM 14.550 of NH 60 A Bankura Purulia, Kalapathar	4
545	Chandigarh	Jalandhar	Chak Bamniya	6
546	Bhopal	Katni	Odaki Pipkhar	8
547	Shimla	Mandi	Dolhu Nallah	8
548	Bhopal	Chindwara	Madai	8
549	Chandigarh	Ambala	Thana	12
550	Chandigarh	Ambala	Saini Majra	10
551	Lucknow - East	Raebareli	Piddhi	6
552	Hyderabad	Nirmal	Dilawarpur	4
553	Jaipur	Kota	Mandhana	10
554	Nagpur	Yavatmal	Husnapur	10
555	Nagpur	Nanded	Ashiv	8
556	Lucknow - East	Raebareli	Andhiyari	8
557	Bhopal	Gwalior	Choundha	10
558	Bhopal	Gwalior	Baretha or Jajau	10
559	Bhopal	Jabalpur	Boharipar	10
560	Mumbai	Solapur	Phulwadi	12
561	Mumbai	Solapur	Talmod	12
562	Guwahati	Bongoigaon	Patgaon	6
563	Bangalore	Mangalore	Belekari	12
564	Bangalore	Mangalore	Holegadde	6
565	Bangalore	Mangalore	Shiroor	12
566	Bangalore	chitradurga	Kannankatte	12
567	Bangalore	chitradurga	Thimmalapura	12
568	Chandigarh	Rohtak	Khatkar	8
569	Raipur	Bilaspur	Bhojpuri	16
570	Nagpur	Yavatmal	Haladgaon	8
571	chandigarh	chandigarh	Jaloli	12
572	Jaipur	Dausa	Rabawata	8
573	Jaipur	Dausa	Titoli	8
574	Kolkata	Krishnagar	Sali Bamandnaga	7
575	Vijayawada	Nellore	Chinaganjam	6
576	Jaipur	Ajmer	Bagaliya	6
577	Jaipur	Ajmer	Baggar	6
578	Lucknow - West	Bareilly	Sabli	2
579	Bangalore	Banglore	Nangli Toll Plaza	8
580	Nagpur	Nagpur	KANHAN KAMPTTEE BY PASS/Khumari	6
581	Nagpur	Nagpur	Borkhedi	10

S.No	RO	PIU	Plaza Name	No. of Lanes
582	Guwahati	Nagaon	Mikirati Hawgaon Toll Plaza	6
583	Jaipur	Sawaimadhopur	Kadisahena	8
584	Jaipur	Sawaimadhopur	Lal ka Khera	8
585	Jaipur	Sawaimadhopur	Pallai	8
586	Patna	Motihari	KM 53+625, NH 28 B, Bishnupura	6
587	Patna	Munger	KM 137+300, Bhagalpur	6
588	Hyderabad	Khammam	Gowraram	6
589	Guwahati	Guwahati	Nazirakhet	6
590	Chandigarh	Mohali	Bhagomajra	8
591	Guwahati	Guwahati	Madanpur Toll Plaza	6
592	Chandigarh	Rohtak	Kitlana	12
593	Jaipur	Ajmer	Badighati	6
594	Jaipur	Ajmer	Butati (Kucehra)	6
595	Kolkata	Kharagpur	Balivasa	10
596	Chandigarh	Jalandhar	Behram	10
597	Chandigarh	Jalandhar	Bachhwan (Bachhuan)	10
598	Chandigarh	Rohtak	Chhara	14
599	Chandigarh	Mohali	Ghulal	16
600	Vijayawada	Tirupati	Mahasamundaram	4
601	Lucknow - West	Meerut	Kurana	16
602	Bhopal	Gwalior	Dagrai	10
603	Gandhinagar	Dwarka	Kuchadi	12
604	Gandhinagar	Dwarka	Okhamadi	12
605	Raipur	Korba	Pachira	6
606	Chandigarh	Rohtak	Peont	8
607	Bhubaneswar	Dhenkanal	Khamara	6
608	Hyderabad	Warangal	Komalla	10
609	Hyderabad	Warangal	Komatipalli	8
610	Lucknow - West	Roorkee	Sayed Majra	14
611	Nagpur	Yavatmal	Bhambraja	8
612	Dehradun	Roorkee	Bhagwanpur	14
613	Lucknow - East	Gorakhpur	Sherpur Chamraha	12
614	Jaipur	Jaipur	Hingonia	28
615	Jaipur	Jaipur	Sitarampura	28
616	Raipur	Korba	Chotiya	6
617	Gandhinagar	Bhavnagar	Nageshri	12
618	Lucknow - East	Prayagraj	Ramnagar Gansiyari	12

Annexure -2 (Format for Revised Financial Bid/Proposal)

(To be submitted on in the excel format uploaded on the website)

7.11.1 Summary of Total Price

Name of the Project: Request for proposal (RFP) for Selection of Service Provider for Toll Monitoring & Control Centre					
Name of Bidder:					
Bid Invitation Date:	25-Nov-20				
I. Capex					
Sno	Line Item (A)	Unit (B)	Quantity (C)	Unit Rate (in Rs.) (D)	Total Amount (in Rs.) (E) = C*D
1	Design, Development, Deployment, and Integration of following –:				
	a. Integration with NPCI for replication of data on NIC Server along with data storage and data acquisition	Lumpsum	1		0
	b. Setting up and configuration of BI tool	Lumpsum	1		0
	c. Integration of TMCC Application with Toll Management Software's including IoT based real time equipment health status – "Go Live"	Nos	618		0
	d. Development and deployment of AI based Video Analytic Software	Lumpsum	1		0
Total Capex Cost					0
II. Operation and Maintenance Charges					
Sno	Line Item (A)	Unit (B)	Quantity (C)	Unit Rate (in Rs.) (D)	Total Amount (in Rs.) (E) = C*D
1	O & M for all Central Applications, servers and integrations etc. includes following: - a. Services of replication of data on NIC Server along with data storage and data acquisition with NPCI b. Services of BI tool c. Services of AI based Video Analytic Software	Quarterly	18		0
2	a. O& M cost for services of all field equipment's, Toll Management Software's including IoT based real time equipment health status– "Go Live"	Quarterly	618		0
Total O & M Cost					0
Total Capex and O&M Cost (I +II)					0

Note –

- i. Bidder to fill up ONLY Cells highlighted in Yellow.
- ii. O&M Charges of "Go-Live" Plazas shall be Calculated on Pro-rata basis.

Annexure -3 (Revised Project Timeline and Payment Terms)

6.6 Project Timeline

The MSP will be responsible for the implementation of the project within the timelines as indicated in the table below.

Sl #	Project Milestones	Timelines
1.	Signing of Contract	T
2.	Submission of Detailed Project Plan document	T + 0.5 month
3.	Real-Time Monitoring System	T 1 = T +3 months
3.1.	Submission of Software Requirement Specifications (SRS) of TMCC Application	T + 1 month
3.2.	Approval of SRS document of Real-time Monitoring software (TMCC Application) by IHMCL	T + 1.5 months
3.3.	Design, Development, Deployment of TMCC applications at Control Center	T + 1.5 months
4.	Integration of TMCC Application and NPCI for data storage and data acquisition	T + 3 months
5.	Development and deployment of AI based Video Analytic Software	T + 3 months
6.	Setting up and configuration of BI analytic tool	T + 4 months
7.	Integration of TMCC Application with Toll Management Software's of various Toll Plazas including IoT based real time equipment health status – GO Live	
7.1	First 100 NH fee plazas	T + 1 month
7.2	Up to 300 NH fee plazas	T + 3 months
7.3	All remaining NH fee plazas (approx. 618)	T + 6 months
8.	Commencement of O & M for full project	T + 6 months onwards

Where “T” is the date of Signing of Contract between IHMCL and MSP.

Post Go-Live of First 100 NH fee plazas, IHMCL will provide the observations within 15 days, the MSP should rectify and replicate the observations in remaining fee plazas.

6.7 Payment Terms

6.7.4 The payment shall be released as follows: -

A. Capex Payment			
S. No.	Scope of Work	Timelines	Payment
1	Integration with NPCI for replication of data on NIC Server along with data storage and data acquisition	T + 3 Months	15% of Capex Cost as mentioned in Financial Bid Form Clause 7.11.1
2	Development and deployment of AI based Video Analytic Software	T + 3 months	10% of Capex Cost as mentioned in Financial Bid Form Clause 7.11.1
3	Setting up and configuration of BI tool	T + 4 months	15% of Capex Cost as mentioned in Financial Bid Form Clause 7.11.1
4	Integration of TMCC Application with Toll Management Software's including real time equipment health status – Go Live		
	First 100 NH fee plazas	T + 1 months	6% of Capex Cost as mentioned in Financial Bid Form Clause 7.11.1
	Up to 300 NH fee plazas	T + 3 months	6% of Capex Cost as mentioned in Financial Bid Form Clause 7.11.1
	All remaining NH fee plazas (approx. 618)	T + 6 months	10% of Capex Cost as mentioned in Financial Bid Form Clause 7.11.1
B. Operation and Maintenance Payment			
1	O & M for all Central Applications, servers and integrations etc. includes following: - a. Services of replication of data on NIC Server along with data storage and data acquisition with NPCI b. Services of BI tool c. Services of AI based Video Analytic Software;	T + 6 months onwards till contract expiry	38% of Capex Cost as mentioned in Financial Bid Form Clause 7.11.1 divided in 18 quarters Plus (+) O & M Quarterly payment as mentioned in Financial Bid Form Clause 7.11.1, B. 1.
2	a. Cost for services of all field equipment's, Toll Management Software's including IoT based real time equipment health status– “Go Live”	T + 6 months onwards till contract expiry	O & M Quarterly payment as mentioned in Financial Bid Form Clause 7.11.1, B. 2 on pro-rata basis.

Note –

- i. O&M Charges of “Go-Live” Plazas shall be Calculated on Pro-rata basis