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भारतीय स्टेट बैंक
भारतीय स्टेट बैंक
STATE BANK OF INDIA

SBI/OBMU/AMT-II/2023-24/906

31.07.2023

Dear Sir,

PROPOSED BORROWER: YELAHANKA AP BORDER TOLLWAYS PVT LTD
APPOINTMENT TO CONDUCT TRAFFIC STUDY OF STATE HIGHWAY – 9 FROM YELAHANKA TO
AP BORDER FROM KM 13+800 TO KM 89+400

Pursuant to the proposed quotation and subsequent acceptance by the Company for conducting Traffic Study of State Highway – 9 from Yelahanka to AP Border from Km 13+800 To Km 89+400 in the state of Karnataka, State Bank of India, Overseas Branch, Mumbai hereby appoints your company as the consultant for the aforementioned study. You are required to submit study alongwith validation of the financial model as per the scope provided in the Annexure I. The fee structure is defined in Annexure II.

You are requested to submit the report by 14.08.2023.

Yours faithfully,

(Devendra Kumar Raipuria)
Assistant General Manager & RM (AMT-II)

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विदेश व्यापार शाखा
"द आर्केड",
दुसरा मजला, वल्ड ट्रेड सेंटर,
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Overseas Branch,
"The Arcade"
2nd Floor, World Trade Centre,
Cuffe Parade,
Mumbai - 400 005.

Scope of Work

Background

Yelahanka - Ap Border Tollways Private Limited (YAPBTPL) (Company) is a special purpose vehicle (SPV) of M/s. Ramalingam Construction Company Private Limited (RCCPL) for the purpose of to undertake improvements to Yelahanka – AP Border (SH 9) (from Yelahanka at km 13+800 to AP Border at km 88+145) in the State of Karnataka, on PPP-DBFOT-VGF (Toll) basis for Concession Period of 23 years (Project). The Project Road starts at chainage 13+800 at Yelahanka, which passes through Doddaballapur, Gouribidanur towns and ends at chainage 89+417 at Andhra Pradesh border having a length of 74.35 km.

The company had earlier received provisional commercial operation date (PCOD) upon substantial completion of part length of 55.522 km (out of total length of 74.35 km) of the Project on September 19, 2018, and Toll collection started from September 22, 2018, and has subsequently received the final commercial operation date (COD) in July 2020 for full stretch. After completion of punch list item, final COD has been achieved in June 2023

Scope of Work

Preparation of a Traffic Study Report on the project inter alia covering the following aspects:

1. Reconnaissance Survey of the Project Corridor and Project Influence Area and other traffic surveys as outlined below

- Classified traffic volume count survey:
 - 7 — Day, 24 Hour Classified Volume Count Survey at all toll plaza locations
 - Continuous & direction- wise CTVC surveys on normal working days which include weekend to derive the average daily traffic by type of vehicle along the project corridor
 - CTVC survey on each of the alternate route of the project stretch, if any.
- O-D Survey:
 - 1- Day, 24 Hour O-D Survey at all toll plaza locations/and such other surveys/inputs as may be required
- Alternate Route Analysis
 - Alternate and Competing Routes to the project road (if any) will be studied in detail, for assessing possible leakage of traffic and diversion of traffic to / from the Project Road considering existing or future developments etc.
 - Following surveys shall be conducted on alternate routes of the



project roads. 3-Day, 24 Hour Classified Volume Count Survey on the alternate routes if any 1- Day, 24 Hour O-D Survey on alternate route if any.

- Secondary Data Collection:
 - Fuel Sale data of the fuel stations along the project corridor.
 - Collection of historical factors and past traffic data from the existing toll plaza locations (if any).
 - Land use along the project corridor based on reconnaissance survey.
 - Future development plans based on the data available in public domain.
 - Factors which may have positive and/or negative impact on the traffic such as traffic due to mining etc.

2. Analysis of Data

Following analysis shall be done during this stage

- Analysis of Primary and Secondary data.
- Calculation of ADT and AADT from CTVC data.
- Estimation of category wise growth rate from three scenarios and review of growth rates of previous studies.
- Identify factors which may have a positive or negative impact on the Traffic.
- Forecast of tollable traffic and category wise (through traffic, daily discount ticket traffic, monthly pass traffic and local traffic) breakup of daily tollable traffic.

3. Toll Revenue Estimation

- Toll Revenue Estimation as per Concession Agreement / Draft Toll Notification for three scenarios (Most likely, Optimistic, and Pessimistic)
- Review of possibility of toll leakage on the project stretch with specific comments on proposed location of toll plazas.
- Review of tollable traffic streams for different categories of traffic streams
- Review of traffic projections for the Project based on above analysis for the concession period

4. Results and Recommendations

Following various analysis, the findings are to be submitted to the client during this stage. The recommendations will be discussed with client. Thereafter the final submission shall be made.



Comments/inputs on the existing Traffic at Project are to be provided to include its traffic growth in past 2-3 years, historical trend & growth in Traffic, effect of development of any future development of Coastal roads/Metro / any other development.

DELIVERABLES:

- Identification of factors which may have positive/negative impact on traffic and assessment of traffic growth rate for project.
- Identification of any toll leakage on the project stretch with specific comments on the location.
- Preparation of Traffic projections on project road section based on analysis and concession period.
- Estimation of traffic growth rates for three scenarios (Optimistic / Most likely/Pessimistic) Traffic forecast by traffic category during Concession period.
- Yearly Toll Revenue estimation (normal / concession etc)
- Draft report on the preliminary estimates covering all the above-mentioned points and Final Report after discussion with client
- Presentation detailing the reports, if required by the Bank.
- Attending conference calls, video conferencing session, etc. to discuss the reports, if required by the Bank.

OTHERS:

- Changes/ amendments, if any, required post finalisation of the report will be carried out by the Consultant without any charges.



Fee Structure

Professional fees for services rendered in connection with the Transaction shall be payable as under:

1. Fee Structure

Rs. 9.50 Lacs (including out of pocket expenses) plus applicable taxes as per the following structure for the services rendered:

#	Milestone	Amount (Rs. Lacs) + GST
1	On acceptance of assignment (advance payment)	4.50
2	On acceptance of the draft report by SBI and submission of the final report.	5.00

