

**Selection of Consultant for Preparation of Integrated Logistics Master
Plan for the State of Gujarat.**

Corrigendum

Corrigendum 1

1.2 Schedule of the bidding process:

Sl. No	Event	Period	Date	Time	Venue
1	Floating of RFQ cum RFP	(T)	26 May 2022	11:00 hrs	Through advertisement, GIDB website and NProcure website
2	Last Date of Receiving Queries (RFQ cum RFP)	T + 09 Days	04 June 2022	15:00 hrs	Through e-mail with covering letter and queries in Excel format as per Annexure 13 to gm-gidb@gujarat.gov.in
3	Pre-bid Meeting of the Bidders (RFQ cum RFP)	T + 10 Days	06 June 2022	11:30 hrs	Conference Room, Gujarat Infrastructure Development Board, Block No. 18, 8th Floor, Udyog Bhavan, Gandhinagar-382 017
4	Last Date of Submission of RFQ cum RFP				
	(a) Submission of Financial Bid (online)	T + 40 Days	06 July 2022	17:00 hrs	Financial Bid Submission online submission through https://gidb.nprocure.com [Tender ID - -----]
	(b) Submission of Technical Bid (Hard Copy)	T + 47 Days	13 July 2022	17:00 hrs	Technical Bid Submission As per Clause 2.12
5	Opening of Technical Bids	T + 48 Days	14 July 2022	12:00 hrs	Conference Room, Gujarat Infrastructure Development Board, Block No. 18, 8th Floor, Udyog Bhavan, Gandhinagar-382 017
6	Presentation by Bidders	T + 60 Days	27 July 2022	15:30 hrs	Will be conveyed
7	a) Declaration of Technical Result	T + 63 Days	30 July 2022	13:00 hrs	Conference Room, Gujarat Infrastructure Development Board, Block No. 18, 8th Floor, Udyog Bhavan, Gandhinagar-382 017
	b) Opening of Financial Bids	T + 64 Days	01 August 2022	13:00 hrs	
8	Proposal Evaluation Result	T + 67 Days	04 August 2022	12:00 hrs	
9	Issue of Letter of Award (LoA)	T + 67 Days	04 August 2022	11:00 hrs	Through e-mail.

Corrigendum 2

Annexure 3 A

Format for Joint Bidding Agreement (in case of Consortium)

(On Rs. 300 Stamp paper duly attested by Notary Public)

THIS JOINT BIDDING AGREEMENT is entered into on this the [date in words] day of [month in words] [year in 'yyyy' format].

AMONGST

1. [Name of company], a company incorporated under the Companies Act, 1956 and having its registered office at [registered address] (hereinafter referred to as the "First Part" which expression shall, unless repugnant to the context include its successors and permitted assigns);

AND,

2. [Name of company], a company incorporated under the Companies Act, 1956 and having its registered office at [registered address] (hereinafter referred to as the "Second Part" which expression shall, unless repugnant to the context include its successors and permitted assigns);

The above mentioned parties of the [FIRST AND SECOND] PART are collectively referred to as the "Parties" and each is individually referred to as a "Party".

WHEREAS,

- a) **Gujarat Infrastructure Development Board (GIDB), having its office at Block No. 18, 8th Floor, Udyog Bhavan, Gandhinagar-382017, Gujarat, India,** (hereinafter referred to as the "**Client**" or "**Authority**" which expression shall, unless repugnant to the context or meaning thereof, include its administrators, successors and assigns) has invited proposals ("**the Applications**") by its Request for Qualification cum Request for Proposal dated [date] (the "**RFQ cum RFP**") for appointment of consultant for [name of assignment] (the "**Consultancy**").
- b) The Parties are interested in jointly bidding for the Consultancy as members of a Consortium and in accordance with the terms and conditions of the RFQ cum RFP document and other bid documents in respect of the Consultancy, and

- c) It is a necessary condition under the Consultancy document that the members of the Consortium shall enter into a Joint Bidding Agreement and furnish a copy thereof with the Application.

NOW IT IS HEREBY AGREED as follows:

1. Definitions and interpretations: In this Agreement, the capitalized terms shall, unless the context otherwise requires, have the meaning ascribed thereto under the RFQ cum RFP.
2. Consortium
 - a) The Parties do hereby irrevocably constitute a consortium (the "**Consortium**") for the purposes of jointly participating in the selection process for the Consultancy.
 - b) The Parties hereby undertake to participate in the Bidding process only through this Consortium and not individually and/ or through any other consortium constituted for this Consultancy, either directly or indirectly or through any of their Affiliates.
3. Covenants: The Parties hereby undertake that in the event the Consortium is declared the selected Consultant and awarded the Consultancy, the Parties shall enter into a contract for consultancy services ("**Contract**") with the Client and for performing all obligations as the Consultant in terms of the Contract for the Consultancy.
4. Role of the parties: The Parties hereby undertake to perform the roles and responsibilities as described below:
 - a) Party of the First Part shall be the Member in Charge of the Consortium and shall have the power of attorney from all Parties for conducting all business for and on behalf of the Consortium during the selection process for the Consultancy and until the Effective Date under the Contract; and
 - b) Party of the Second Part shall be [role];
5. Joint and Several Liability: The Parties do hereby undertake to be jointly and severally responsible for all obligations and liabilities relating to the Consultancy and in accordance with the terms of the RFQ cum RFP and the Contract, for the performance of the Contract.
6. Member in-charge: Without prejudice to the joint and severe liability of all the Parties, each Party agrees that it shall exercise all rights and remedies under the Contract through the Member in Charge and the Client shall be entitled to deal with such Member in Charge as the representative of all Members. Each Party agrees and acknowledges that:

- a) Any decision (including without limitation, any waiver or consent), action, omission, communication or notice of the Member in Charge on any matters related to the Contract shall be deemed to have been on its behalf and shall be binding on it. The Client shall be entitled to rely upon any such action, decision or communication from the Member in Charge;
 - b) consolidated invoices for the services in relation to the Consultancy performed by all the Members shall be prepared and submitted by the Member in Charge and the Client shall have the right to release payments solely to the Member in Charge and the Client shall not in any manner be responsible or liable for the inter se allocation of payments, works etc. among the Parties;
 - c) Any notice, communication, information or documents to be provided to the Consultant shall be delivered to the authorized representative of the Consultant (as designated pursuant to the Contract) and any such notice, communication, information or documents shall be deemed to have been delivered to all the Parties.
7. Representation of the Parties: Each Party represents to the other Parties as of the date of this Agreement that:
- a) Such Party is duly organised, validly existing and in good standing under the laws of its incorporation and has all requisite power and authority to enter into this Agreement;
 - b) The execution, delivery and performance by such Party of this Agreement has been authorised by all necessary and appropriate corporate or governmental action and a copy of the extract of the charter documents and board resolution/ power of attorney in favour of the person executing this Agreement for the delegation of power and authority to execute this Agreement on behalf of the Party is annexed to this Agreement, and will not, to the best of its knowledge:
 - i). require any consent or approval not already obtained;
 - ii). violate any Applicable Law presently in effect and having applicability to it;
 - iii). violate the memorandum and articles of association, by-laws or other applicable organisational documents thereof;
 - iv). violate any clearance, permit, concession, grant, license or other governmental authorisation, approval, judgment, order or decree or any mortgage agreement, indenture or any other instrument to which such Party is a party or by which such Party or any of its properties or assets are bound or that is otherwise applicable to such Party; or

- v). create or impose any liens, mortgages, pledges, claims, security interests, charges or Encumbrances or obligations to create a lien, charge, pledge, security interest, encumbrances or mortgage in or on the property of such Party, except for encumbrances that would not, individually or in the aggregate, have a material adverse effect on the financial condition or prospects or business of such Party so as to prevent such Party from fulfilling its obligations under this Agreement;
 - c) this Agreement is the legal and binding obligation of such Party, enforceable in accordance with its terms against it; and
 - d) there is no litigation pending or, to the best of such Party's knowledge, threatened to which it or any of its Affiliates is a party that presently affects or which would have a material adverse effect on the financial condition or prospects or business of such Party in the fulfilment of its obligations under this Agreement.
8. Termination: This Agreement shall be effective from the date hereof and shall continue in full force and effect until the Effective Date under the Contract, in case the Consultancy is awarded to the Consortium. However, in case the Consortium is not selected for award of the Consultancy, the Agreement will stand terminated upon intimation by the Authority that it has not been selected and upon return of the Bid Security by the Authority.
9. Miscellaneous
- a) This Joint Bidding Agreement shall be governed by laws of India.
 - b) The Parties acknowledge and accept that this Agreement shall not be amended by the Parties without the prior written consent of the Client.

IN WITNESS WHEREOF THE PARTIES ABOVE NAMED HAVE EXECUTED AND DELIVERED THIS AGREEMENT AS OF THE DATE FIRST ABOVE WRITTEN.

SIGNED, SEALED & DELIVERED

For and on behalf of MEMBER IN-CHARGE by:

[Signature] [Name] [Designation] [Address]

SIGNED, SEALED & DELIVERED

For and on behalf of SECOND PART by:

[Signature]

[Name] [Designation] [Address]

In presence of:

1. [Signature, name and address of witness]
2. [Signature, name and address of witness]

Notes:

1. The mode of the execution of the Joint Bidding Agreement should be in accordance with the procedure, if any, lay down by the Applicable Law and the charter documents of the executant(s) and when it is so required, the same should be under common seal or official seal of all members.
2. Each Joint Bidding Agreement should attach a copy of the extract of the charter documents and documents such as resolution / power of attorney in favour of the person executing this Agreement for the delegation of power and authority to execute this Agreement on behalf of the Consortium Member.
3. For a Joint Bidding Agreement executed and issued overseas, the document shall be legalised by the Indian Embassy and notarized in the jurisdiction where the Power of Attorney has been executed.

Annexure 3 B

Format for Power of Attorney for Lead Member of the Consortium

(On INR 300/- Stamp paper duly attested by Notary Public)

POWER OF ATTORNEY

Whereas, the **Chief Executive Officer, Gujarat Infrastructure Development Board, Block No. 18, 8th Floor, Udyog Bhavan, Gandhinagar-382 017, Gujarat, India** has invited proposals from qualified Applicants for taking up Consultancy Services for **Preparation of Integrated Logistics Master Plan for the State of Gujarat.**

Whereas, _____, _____ and _____ (collectively the "Consortium") being Members of the Consortium are interested in bidding for the Project in accordance with the terms and conditions of the Request for Proposal and other connected documents in respect of the Project, and Whereas, it is necessary for the Members of the Consortium to designate one of them as the Lead Member with all necessary power and authority to do for and on behalf of the Consortium, all acts, deeds and things as may be necessary in connection with the Consortium's bid for the Project and its execution.

NOW THEREFORE KNOW ALL MEN BY THESE PRESENTS

We, _____ having our registered office at _____, M/s. _____, having our registered office at _____, and M/s. _____, having our registered office at _____, [the respective names and addresses of the registered office] (hereinafter collectively referred to as the "Principals") do hereby irrevocably designate, nominate, constitute, appoint and authorise M/s _____, having its registered office at _____, being one of the Members of the Consortium, as the Lead Member and true and lawful attorney of the Consortium (hereinafter referred to as the "Attorney") and hereby irrevocably authorise the Attorney (with power to sub-delegate) to conduct all business for and on behalf of the Consortium and any one of us during the bidding process and, in the event the Consortium is awarded the Contract, during the execution of the Project, and in this regard, to do on our behalf and on behalf of the Consortium, all or any of such acts, deeds or things as are necessary or required or incidental to the submission of its bid for the Project, including but not limited to signing and submission of all applications, bids and other documents and writings, participate in bidders' and other conferences, respond to queries, submit information/ documents, sign and execute contracts and undertakings consequent to acceptance of the bid of the Consortium and generally to represent the Consortium in all its dealings with the Authority,

and/ or any other Government Agency or any person, in all matters in connection with or relating to or arising out of the Consortium's bid for the Project and/ or upon award thereof till the Contract Agreement is entered into with the Authority.

AND hereby agree to ratify and confirm and do hereby ratify and confirm all acts, deeds and things lawfully done or caused to be done by our said Attorney pursuant to and in exercise of the powers conferred by this Power of Attorney and that all acts, deeds and things done by our said Attorney in exercise of the powers hereby conferred shall and shall always be deemed to have been done by us/ Consortium.

IN WITNESS WHEREOF WE THE PRINCIPALS ABOVE NAMED HAVE EXECUTED

THIS POWER OF ATTORNEY ON THIS _____ DAY OF _____ 202_.

For _____
(Name & Title)

For _____
(Name & Title)

For _____
(Name & Title)

Witnesses:

1.

2.

(Executants)

(To be executed by all the Members of the Consortium)

Notes:

- The mode of execution of the Power of Attorney should be in accordance with the procedure, if any, laid down by the applicable law and the charter documents of the executant(s) and when it is so required, the same should be under common seal affixed in accordance with the required procedure.
- Also, wherever required, the Applicant should submit for verification the extract of the charter documents and documents such as a resolution/ power of attorney in favour of the person executing this Power of Attorney for the delegation of power hereunder on behalf of the Applicant.
- For a Power of Attorney executed and issued overseas, the document will also have to be legalised by the Indian Embassy and notarised in the jurisdiction where the Power of Attorney is being issued.

Corrigendum 3

2.22.4. Pre – qualification / Eligibility criteria for the applicants - Technical Strength

(i) The bidder should have undertaken/ completed the following projects of similar nature carried out in India or Abroad:

Category	Minimum Desired Experience
Logistics Plan Experience	2 (Two) completed Project Experience in preparing logistics plan, or supply chain management plan/ Policy, or Logistics Infrastructure for the State/ Central Government agencies during last 10 (<i>ten</i>) years.

General Instructions:

1. Projects/ Firm's eligible project experience without the proof of experience as mentioned below will not be considered for evaluation:
 - 1) At least for **Completed Projects:**
 - i) Work Order, OR
 - ii) Agreement, and
 - iii) Completion Certificate, OR
 - iv) A Certificate from Chartered Accountant/ Auditor having Unique Document Identification Number (UDIN) confirming the receipt of full payment from the Client);
2. The submitted testimonial (Work order copy and/ or Completion Certificate or any other document) MUST contain Scope of Work, Terms of Reference, Total Project Cost, etc. carried out by the consultant.
3. **The supporting document(s) claimed for each firm's relevant experience shall be placed immediately after each firm's experience. Only those studies would be considered for the evaluation for which the documentary proof mentioning Total Project Fee (wherever applicable) have been provided immediately after each claimed firm's experience.**

Corrigendum 4

2.22.5. Pre – qualification/ Eligibility criteria for the applicants - Financial Strength

The Applicant should fulfil following eligibility criteria in terms of financial capacity from consultancy services:

Sl. No.	Financial Capacity	Minimum Value
		Applicant
1.	Average Annual Turnover of Company/ Firm/ <u>Consortium</u> from Consultancy* for Previous 3 Audited Financial Years	<u>Rs. 50 Crores</u>
2.	<u>Net worth of Applicant firm/ Lead Member</u> during last Audited Financial Years <u>[FY 2020-21]</u>	Rs. 25 Crores
3.	<u>Net worth of all Consortium Members during last Audited Financial Years [FY 2020-21]</u>	<u>Positive Net worth</u>

Corrigendum 5

Annexure 4

Firm's References

Relevant Services Carried Out in the Last Ten Years

That Best Illustrate Qualifications

Using the format below, provide information on each assignment for which your firm/entity, either individually as a corporate entity or as one of the major companies within an association, was legally contracted.

The consultant shall show case completed and on-going project experience for all of the categories mentioned in (iii).

(i)	Assignment Name	
(ii)	Name of Firm who carried out the study	
(iii)	Type of Study/ Category	<u>Category-I: Logistics Plan Experience</u> Additional 2 (Two) completed and 2 (Two) Ongoing Project Experience in preparing logistics plan, or supply chain management plan/ Policy, or studies for Logistics Infrastructure or logistics facilities or freight mobility plan for the State/ Central Government during last 10 <i>(ten)</i> years.
(iv)	Name& Address of the Client	
(v)	No of Person-Months	
(vi)	Time when the assignment was carried out:	

	Start Date	
	End Date	
(viii)	Has any member who worked on this project, been considered for this proposed assignment of Authority? If yes, provide name and role.	
(ix)	Narrative Description of the Scope of work of the Project	
(x)	Description of Actual Services provided by your Staff	
(xi)	Status of the Study [Completed/ On-going] (If the study is not completed, please mention what stage/s of the study has been completed so far).	

General Instructions:

1. Projects/ Firm's eligible project experience without the proof of experience as mentioned below will not be considered for evaluation:

a. At least for **Completed Projects:**

- i. Work Order, OR
- ii. Agreement, and
- iii. Completion Certificate, OR
- iv. A Certificate from Chartered Accountant/ Auditor having Unique Document Identification Number (UDIN) confirming the receipt of full payment from the Client);

b. At least for **On-going Projects:**

- i. Work Order, OR
- ii. Agreement and

- iii. Statutory Audited Statement of at least two Payments received, OR
 - iv. A Certificate from Chartered Accountant/ Auditor having Unique Document Identification Number (UDIN) confirming the receipt of at least two Payments from the Client)].
2. The submitted testimonial (Work order copy and/ or Completion Certificate or any other document) MUST contain Scope of Work, Terms of Reference, Total Project Cost, etc. carried out by the consultant.
 3. **The supporting document(s) claimed for each firm's relevant experience shall be placed immediately after each firm's experience. Only those studies would be considered for the evaluation for which the documentary proof mentioning Total Project Cost (wherever applicable) have been provided immediately after each claimed firm's experience.**

Firm's Name: _____

Corrigendum 6

Sr. No.	Refer Document	Page No.	Clause No.	Subject	As per Bidding document	Modified Clause
1	RFQ cum RFP	46	3.5	Project Team	3.5. Project Team The Consultant would be required to form a multi-disciplinary Full-Time Project Team this assignment, consisting of the following key personnel for preparing State Integrated Logistics Master Plan for Gujarat:	3.5. Project Team The Consultant would be required to form a multi-disciplinary Project Team this assignment, consisting of the following key personnel for preparing State Integrated Logistics Master Plan for Gujarat:
2	RFQ cum RFP	37	3.3.b	Railways	Study and Map the "Existing / planned railway projects undertaken by ports & Indian railways needing support in land acquisition"	Study and Map the "Existing / planned railway projects undertaken by ports & Indian railways"
3	RFQ cum RFP	44	Task 5	Action Plan and Project Shelf	d) The Consultant shall undertake Freight Planning process, identify customized Freight Management measures and recommend Freight Policy Measures for the State. On total Logistics Cost	d) The Consultant shall undertake Freight Planning process, identify customized Freight Management measures and recommend Freight Policy Measures for the State.
4					Create Roadmap to develop eco-system of minimal inspection and stoppages of trucks on roads by Tax, transport and police, helping	Identify infrastructure projects/ initiatives to develop eco-system of minimal inspection and stoppages of trucks on roads by Tax, transport and police, helping

Sr. No.	Refer Document	Page No.	Clause No.	Subject	As per Bidding document	Modified Clause
					transporters achieve maximum operational efficiency	transporters achieve maximum operational efficiency
5					General clarification: wherever "Map" word is used for mapping of infrastructure	Mapping means collection and compilation of infrastructure facilities (with identification of locations and inter-mediate locations), but does not mean GIS mapping
6					General clarification about primary surveys	The Consultant has to undertake primary surveys at key bottlenecks based on the analysis of data
7					Plan to develop logistics infra for farm produce from farmland to last mile connectivity	Plan to develop logistics infra for farm produce

Addendum 1
Evaluation Criteria

A. Technical Evaluation

The Technical proposals and financial proposals will be evaluated separately. The technical proposals would be given 70% weightage and 30% weightage to the financial proposals out of a total score of 100.

I. Technical Proposal

Based on the following technical parameters, each consultant would be assigned a technical score out of 100 and the marks will be given accordingly:

SI No	Technical Parameter	Marks
1	Prior experience in carrying out similar and related assignments;	35
2	Qualification and experience of the key personnel of the proposed team for the Assignment;	40
3	Approach paper on methodology proposed by the consultant to carry out the assignment, Coverage of Terms of Reference/ Understanding of issues, Time Schedule of Personnel/ Work Activity Schedule/ Detailed Work Plan, Methodology of Data Collection / Innovation, Methodology of Data Analysis / Innovation	25
	Total Marks	100

1. Prior experience in carrying out similar and related assignments in past 10 years:

35 Marks.

Sl No	Technical Parameter	Marks
A	<p>Category 1: Logistics Plan Experience</p> <p>Additional 2 (Two) completed and 2 (Two) Ongoing Project Experience in preparing logistics plan, or supply chain management plan/ Policy, or studies for Logistics Infrastructure or logistics facilities or freight mobility plan for the State/ Central Government during last 10 (ten) years.</p>	35
<ul style="list-style-type: none"> • Each completed project would carry weightage of 10 marks upto maximum limit of 20 marks. And • Each ongoing project would carry a weightage of 7.5 mark upto maximum limit of 15 marks. 		
Total Marks		35

2. Qualification and experience of the key personnel of the proposed team for the assignment: 40 Marks

SI No	Technical Parameter			Marks
	Designation	No. of Position	Qualification & Experience	
1	Team Leader	1	MBA in Finance/ CA/ Masters in Transport Planning/ Urban & Regional Planning/ Logistics/ Supply chain with Over 15 years of experience in Urban Transport/ Infrastructure Development.	8
2	Logistic Industry Specialist	1	Relevant Post Graduate qualification with more than 15 years of relevant experience in logistics, and having relevant knowledge of applicable logistic legislation & policy guidelines, schemes, initiatives and programs of Union and State Government.	7
3	Transport economist cum Traffic Expert	2	Relevant post graduate qualification with more than 15 years of experience in road transport surveys, road freight surveys, data collection, vehicle traffic count surveys, etc. Experience in freight transport will be preferable.	7
4	Transport Modelling Expert	2	Relevant post graduate qualification with more than 07 years of experience in transport modelling, understanding freight traffic movement pattern, freight traffic distribution pattern, etc.	6
5	Transport Planner/ Engineer	3	Masters in Transport Planning/ Urban Planning/ Transport Engineering with over 5 years' experience in transportation planning projects.	6
6	Data Analyst	3	Masters in Statistics/ MBA/ Masters in Planning/ B Planning with 5 years of work experience in infrastructure sector.	6
Total Marks				40

The Average marking will be calculated for Sl. No. 3- Transport economist cum Traffic Expert, Sl. No. 4- Transport Modelling Expert, Sl. No. 5- Transport Planner/ Engineer and Sl. No. 6- Data Analyst.

3. Approach paper on methodology proposed by the consultant to carry out this assignment. The Write up should cover, in detail, how the consultant would carry out the assignment, Approach paper on methodology proposed by the consultant to carry out the assignment, Coverage of Terms of Reference/ Understanding of issues, Time Schedule of Personnel/ Work Activity Schedule/ Detailed Work Plan, Methodology of Data Collection / Innovation, Methodology of Data Analysis / Innovation in approach and methodology. The methodology for each head of the proposed Terms of Reference must be described - 25 Marks.

Addendum 2

Scope of work for City Logistics Plan

3.1.Scope of Work

The Consultant shall undertake the following activities for each City as part of their scope of work. The key tasks to be covered under the Consultancy Assignment for each city of Gandhinagar, Ahmedabad, Vadodara & Surat are as follows, but not limited to:

Task 1: Assessing the Current Issues pertaining to the urban freight movement

- i) Mapping Freight Infrastructure – This would include mapping the freight generators/ attractors, Freight storage and distribution facilities and other transport related infrastructure within 30 kms buffer area outside from the outer boundary of Development Authority Area.
- ii) Stakeholder Interaction – Extensive stakeholder interaction with truck operators, warehouse operators, industrial units, warehouse operators and others so as to understand the key issues faced by them. The interaction would be done at an individual as well as group level.

Task 2: Data Collection

As already emphasised the understanding of logistics in a city requires extensive data collection both vehicular as well as commodity-based data. The data collection would be based on primary as well as secondary sources.

The Consultant shall:

- i) Conduct primary survey for minimum 72 hours round the clock during normal day of the week;
- ii) Decide the sample size of the survey based on the City Size and freight traffic demand and economic activities in around the city and development authority area.
- iii) Decide the nearest toll collection point outside the city area as the entry and exit point of the city.
- iv) Finalise the Survey formats and survey locations in consultation with GIDB and respective City Logistics Coordination Committee (CLCC).

The Consultant shall undertake the following surveys at their own cost:

a) Primary Data Collection

The various primary surveys would be done to holistically review the urban freight would include -

- i) List of Database on City Level Urban Freight Activities
- v) Road Side Interview for Goods O/D Survey
- vi) Vehicle Traffic Count for Freight Vehicle Survey
- vii) Establishment Survey
- viii) Commodity Flow Survey
- ix) Parking Survey
- x) Truck Driver Survey
- xi) Truck operator Survey
- xii) Truck Terminal Survey
- xiii) Supply Chain Management Survey
- xiv) Other Surveys to analyse various aspects of Urban Freight Transport are:
 - a) Vehicle delivery/collection trips at establishments in the urban area
 - b) Goods flows to/from establishments in the urban area
 - c) Service trips to establishments in the urban area
 - d) Trip details and patterns of goods/service vehicles in the urban area
 - e) Loading/unloading activity of goods vehicles in the urban area
 - f) Parking activity of service vehicles in the urban area
 - g) Movement of goods between vehicles and establishments in the urban area
 - h) Origin location of goods flow/vehicle trip to establishment in the urban area
 - i) Ordering and stockholding arrangements at urban premises
 - j) Supply chain management between establishments, their suppliers and freight transport operators

b) Secondary Data Collection

The various secondary surveys to review the urban freight would include -

- i) Demographic profile/ characteristics of study area
- ii) Socio-economic profile (employment and economic parameters)
- iii) Freight Vehicle registration data
- iv) Land use development plan of the project influence area
- v) Profile of industrial/commercial development

- vi) Other related studies from various departments like R&B, Development Authority, Municipal Corporation etc.

Task 3: Demand Assessment for Freight in the city

The Consultant shall undertake:

- a) Commodity based modelling to assess the current situation of goods movement in the city and further demand projections for horizon years.
- b) Mapping the major commodity value chains and assessing the specialized requirement of each commodity.

Task 4: Identifying the key issues & providing strategies for an efficient urban logistics movement

Based on the existing situation analysis, stakeholder interactions as well as the demand projections, the Consultant shall identify challenges and further comprehensive set of strategies would be developed for efficient & sustainable urban freight.

Task 5: Action Plan and Project Shelf

Based on the strategies identified, the Consultant shall categorise interventions as short term, medium term and long term followed by a detailed action plan including related task, activities as well as the timelines. A project shelf for each city to be proposed by the consultant along with implementation framework.

The consultant shall undertake Urban Freight Planning Process, identify customised Urban Freight Management Measures and recommend Urban Freight Policy Measures for the Cities.

Task 6: Key findings from the cities and list of changes required in the framework

The key purpose of this study to identify unintended bottlenecks in the framework and rectify the framework to make it more practical and better understood by real practitioners. Based on the entire set of planning for the cities, the Consultant shall identify a list of unintended bottlenecks in the framework and recommend list of changes required in the framework.

Task 7: Preparation of case studies and key example boxes to be included in the framework

The Consultant shall prepare case studies and key boxes would be formulated to feed into the framework as key strategic places, to better explain the implementation of the framework.