

HINDUSTAN ZINC LIMITED

Yashad Bhawan, Ext.-CRDL
P.O. Zinc Smelter, Debari – 313 024
UDAIPUR, (RAJ.)
Tel. No. 0294 – 2652159, 2652143

NOTICE OF INVITATION OF TENDER FOR TRANSPORTATION OF FINISHED GOODS
(ONLY INDIAN BANK ASSOCIATION APPROVED TRANSPORTER SHOULD APPLY)

Tender No.HZL/CONT/FG/2023-2025/01

Date: 28.04.2023

LAST DATE OF SUBMISSION: 5th May 2023M/s _____

Dear Sir (s),

1. Sealed tenders are invited for the Transportation of Finished Goods on FOR/Ex Works basis for period from 01st June'2023 to 31st May'2025 as specified under "Scope of Work" appended hereto.
2. Tenders must be submitted online on our mail Id Vikas.Adlakha@vedanta.co.in, Dinesh.Prajapat@vedanta.co.in, Vinit.Garg@vedanta.co.in with subject heading "TENDER FOR **TRANSPORTATION OF FINISHED GOODS** & TENDER NO. HZL//CONT/FG/2023-2025/01 to be mailed by closing hours of 5th May 2023.
3. **EARNEST MONEY :-**
 - (i) Participating tenderers must deposit Earnest Money Deposit (EMD) of Rs.5,00,000/-(Rupees Five lacs only) in the form of Demand Draft in favour of "HINDUSTAN ZINC LIMITED", payable at Udaipur, Rajasthan. To be submitted along with tender.
 - (ii) Cheque, Bank Guarantee (B.G.) or any outstanding payment with Hindustan Zinc Limited (HZL) shall not be accepted / considered as EMD.
 - (iii) The amount of EMD deposited is liable to be forfeited if successful tenderer(s) do not accept the work awarded.
 - (iv) The EMD amount will not attract any interest and the EMD amount will be returned to unsuccessful tenderers after finalization of Work Order.

Yours sincerely,

For **HINDUSTAN ZINC LIMITED**,

(Authorised Signatory)

Enclosures: - Main terms & Conditions, Annexure A, B, C, D & E

Address to submit the tender

Head – Logistics
Hindustan Zinc Ltd.
C.R.D.L. Building
P.O: Zinc Smelter,
Debari-313024, Udaipur (Raj)

MAIN TERMS & CONDITIONS –

1. SCOPE OF WORK ---

Transportation of the Finished Goods (FG) from different smelters of Hindustan Zinc Limited (HZL), to various destinations in India by road/MMT as indicated in the Annexure(s) attached on FOR basis or in case of Ex works (Separate Contract between HZL Customer and transporter on similar terms and condition)

Please quote the rates in Annexure(s) itself. Also maintain the rates in excel sheet format with you which we may need subsequently (do not add or delete any row even if you are not quoting for any particular destination)

- i. Transporters have to lift daily indented quantity per destination 80% of Indent quantity within next one calendar day and 100% of Indent quantity within next two calendar day from HZL Smelters as mentioned in Annexure(s) as per program given in writing by mail or on ITMS Portal from the Officer Incharge – Sales / Dispatch Department of Smelter. The quantity mentioned in Annexure “D” is only indicative and can vary substantially specially during last week of the month depending upon the customer’s requirement. However, from 25th of every month, transporter have to lift 100% indent quantity within next one calendar day.
- ii. In case any 3PL logistics service provider wish to transport FG to various destinations through Multi Modal Transport (MMT) system, then they may also quote their rates specifically mentioning that the mode of movement is through MMT with proper break up of rail and road cost along with transit time.
- iii. In case of primary logistics (From Plant) and Secondary logistics (From Depot), if any new destination required to be serviced after finalization of transportation contract then freight applicable w.r.t. nearest destination shall be proportionately arrived for new destination based on per ton per kilometer basis and accordingly freight shall be increased or decreased based on existing nearest destination available in contract.
- iv. In case of dispatches from Depot (secondary movement) Service provider will have to place lorries by 16:00 hours for loading against the plan received one day in advance (before 18:00 hours) in writing by mail only from Regional Manager office. If required Lorries not placed than Regional Manager will be authorized to apply Risk and Cost over the left out quantity on next day.
- v. Program from Smelters will be given one day in advance and vehicles for 80% (+/-5%) of indented quantity must be placed without fail on next calendar day and 100% (+/-5%) of Indented quantity must be placed within next two calendar day to avoid risk purchase respectively. Risk Purchase shall be done under written intimation and proof of failure against indent as per contract to service provider by Sales and Dispatch Department of dispatching unit.

In case of default in placing the vehicles as per the indent, HZL/Customer will arrange placement of vehicles from the open market against risk purchases at whatever rates received against the enquiry and additional cost will be debited to contractual transporter.

In case the transporter back out from the contract, then HZL/customer will have the right to recover all the losses incurred during the balance period of the contract from the defaulting transporter.

- vi. The Service provider shall ensure that at the time of taking delivery at the dispatching unit, the exact weight as per the weigh bridge at dispatching unit and the number of ingots / pieces / bundles are properly and correctly recorded in the relevant Lorry Receipt (LR) which would be the basis for verification and proper complete delivery at destinations. However, the consignments will be weighed both at dispatching unit and destinations on respective weigh bridges to record the weights at both ends.
- vii. In transit if the duplicate copy of GST invoice lost by lorry driver than Service Provider will be penalized Rs.1000/- per invoice and also any loss due to non-delivery of GST document will be recovered from the Service Provider. To take in-put credit benefit on loss of GST Invoice en-route, service provider will be responsible to file and submit the original FIR to the destination receipt in-charge, to process the in-put credit benefit. Till in-put credit benefit is granted to the customer / depot, the amount equal to the GST value will be kept on hold in account of service provider with intimation.
- viii. Vehicle deployed for loading must have even surface and vehicle rejected due to poor quality will not be consider under placement, Vehicle must have good quality tarpaulin and loaded cargo must be covered by tarpaulin, tying it securely and sealed. Sales & Dispatch department of Smelter / Regional Manager at Depots would ensure loading in dry condition & service provider would ensure delivery of consignment in same state at destination. Failure of this may lead to return of consignment back to Smelter / Depot free of cost if rejected or will be subjected to recovery to the nature of loss to consignment shall be binding on Service Provider.
- ix. HZL reserve the right to award the contract to any party as parallel as partly or fully or contract / tender can be terminated without assigning any reason to it.
- x. Service Providers quoting freight for Secondary Movement i.e. dispatches from Depot(s) onward must have their Branch office nearby Depot location.
- xi. **Only Indian Bank Association (IBA) Approved / Certified Transporters are eligible to apply under this tender.**
2. Service Providers must submit the Bank Guarantee (BG) for Rs.50 Lacs as Security Deposit within 15 days on award of contract valid for a period of six months in excess of validity period of the contract , This will be applicable for "FOR" supply only.
3. Contract period will be effective **from 01st June'2023 to 31st May'2025.**
4. Service Provider should quote the Freight rate for transportation inclusive of all expenses such as road tax, toll tax, insurance, permit expenses, statutory levies, demurrage, mathadi union / varai charge (if any) etc. as and where applicable. GST extra as applicable.
5. The freights rate quoted by transporters will be same for "FOR" / "Ex Works" basis.
6. In Case of Primary logistics (from Plant)- For all destination freight applicable on full trucks load of 35 to 41 MT only which will be considered as base freight rate.

Indent received from HZL is less than 35 MT then following matrix of freight will be applicable:

<u>Vehicles required from Plant as per below requirement:</u>
Truck Load Capacity >= 35MT up to 41 MT Base Freight Rate applicable
Truck Load Capacity >= 29 MT up to 34.999 MT Base Freight Rate + 8% Extra Freight
Truck Load Capacity >= 18 MT up to 28.999 MT Base Freight Rate + 15% Extra Freight

In Case of Secondary logistics (from Depot)- For all destination freight applicable on full trucks load of 21 to 41 MT only which will be considered as base freight rate.

Indent received from HZL is less than 21 MT then following matrix of freight will be applicable:

<u>Vehicles required from Depot as per below requirement:</u>
Truck Load Capacity >= 21MT up to 41 MT Base Freight Rate applicable
Truck Load Capacity >= 16 MT up to 20.999 MT Base Freight Rate + 10% Extra Freight
Truck Load Capacity >= 9 MT up to 15.999 MT Base Freight Rate + 20% Extra Freight

7. Wherever 9/16/21 mt capacity vehicle is mentioned, it means smaller vehicle/truck is required due to vehicle movement restriction at depot/customer destination or requirement of customer is less. However, 24/35/40 mt capacity vehicles imply bigger vehicle/trailer with 40ft length.
8. Loading and unloading for "FOR" shall be in HZL account whereas in case of "Ex works", Loading shall be in account of HZL.
9. In case of FOR, Transit insurance of material shall be in HZL account. HZL shall take appropriate marine insurance policy to cover the risk for transportation of the goods involved. The service provider shall produce requisite documents and evidences as may be desired for lodging of claims by HZL against partial or total loss. HZL however reserves its right to take or recover such losses from the service provider in the event of loss of goods, loss of value of goods due to negligence of the service provider and the decision of HZL on such recovery shall be final and binding on the service provider. However, under Insurance the Excess clause shall be applicable.
10. Detention charges will be applicable Rs 2000/ per day per vehicle at loading point based on vehicle allow slip approval to exit time beyond 24 hrs and this will be certified by respective S&D team.

11. Detention per lorry per day at unloading point is however payable @Rs.2000 per day for detention from 2nd to 5th day of reporting at destination, @Rs3000 per day for detention period is more than 5 days whereas less than equal to 11 days and @Rs 5000 per day for detention period is more than 11 days, as explained below.

If lorry reports at destination on 10th April and gets unloaded on 11th than there will be no detention payable.

If the same lorry gets unloaded on 12th-16th than detention payable shall be Rs.2000/- per day from 12th Mar.

If the same lorry gets unloaded on 17th-21st than detention payable shall be Rs.3000/- per day from 12th Mar.

If the same lorry gets unloaded on 22nd and above than detention payable shall be Rs.5000/- per day from 12th Mar.

Here, if 11th is planned holiday (Sunday/ National holidays / State or local festival) at destination in such case detention applicable will be from 12th Mar.

12. Freight Rate will be firm & fixed till the period of contract. However, HZL will make changes in its Basic Freight Rate against escalation in Diesel price as per formula given below.

Formula: HZL shall increase/ decrease its Basic Freight Rate by 0.30% proportionately for every 1% change in diesel price. Base diesel price shall be declared price of IOCL at respective state capital.

13. Service provider is required to submit Freight Bills on TMS Portal once in a fortnight (15 days) for dispatches from Smelters and to Regional Manager Offices for dispatches made from Depots, for which payment will be released within 15 days after submission of bills. However, delay in payment of bill due to any reason will not vitiate other terms of the contract nor will it give any right to the service provider to suspend the work. The submission of bills should not be delayed beyond two billing cycles otherwise HZL will not be responsible for any delay in release of payments.

14. Transit time is allowed at the average 350 per day excluding the day of dispatch and reporting at destination. Transit time is the actual running time of vehicle from origin to destination.

In case if vehicle is reporting next working day of Sunday or any national / state holiday at destination than the holiday days would be not considered under transit period for vehicles supposed to report on holiday days (but if the depot is kept opened for expected delivery in special case, these norms would not be accepted). But in case if the vehicle instead of reporting before holiday (actual / theoretically reporting day) reports after holiday in such case for calculating Delay penalty holiday days will be counted. For example:

Assumption: Date - 1st Oct. is Sunday and 2nd Oct. is Gandhi Jayanti (national holiday).

Case 1 : Suppose – Calculated reporting date is 01st Oct., but destination office endorses reporting date as 03rd Oct. In such case 01st & 02nd Oct. will be not considered under transit period and will not attract delay penalty.

Case 2 : Suppose – Calculated reporting date is 30th Sept. and destination office endorses reporting date as 03rd Oct. In such case 01st & 02nd Oct. will be

considered under transit period and will attract delay penalty.

Case 3 : Suppose – Calculated reporting date is 30th Sept. and destination office endorses reporting date as 01st Oct. and unloads on 03rd Oct. in such case one day delay will be considered and will attract delay penalty. But service provider will not be liable for any detention as 01st & 02nd is holiday.

Penalty of Rs.2000/- per day will be imposed for delayed delivery in reporting of vehicle w.r.t. transit period prescribed in enclosed Annexure(s).

However, delay in delivery can be condoned on valid ground such as vehicle breakdown or vehicle detained by some agency or natural calamity or force majeure situations for which information should be furnished within transit time provided under annexure(s) attached of the happening and bill / document to be submitted as proof of occurrence with the freight bill for the approval of the delay occurred. Service provider has to provide information to Sales and Dispatch Department / Regional Manager Office as the case may be.

Transshipment of goods is strictly not allowed in route unless warranted due to failure of vehicle to move further or accident incurred or vehicle detained by agency for some reason or lorry for a particular destination is not available. In case of vehicle accident / break down / detained service provider has to inform to Sales and Dispatch / Marketing Department through email or fax and get approval prior to transshipment. While submitting freight bill for such vehicles service provider is required to attach the approval provided with proof of documents showing condition of vehicle under accident / break down / detained.

Transshipment without valid approval shall attract penalty of 1/3 of the freight payable for the transshipped lorry.

While carrying out any such transshipment service provider has to take all care so that no damage occurs to the product and its packing. Further, cost of repacking of broken bundles have to be borne by service provider.

Transshipment done with approval of Sales / Dispatch Department of Smelter or Marketing Department to accommodate emergency requirement or last day of the month to accommodate heavy dispatch due to month end will not attract any penalty.

Clubbing of material of two vehicles into one vehicle is not permitted. In case of FOR case, clubbing is done of HZL material with permission of Logistics lead then it will not attract any penalty otherwise there will be penalty of Rs.5000/- per vehicle.

15. Service Provider's to ensure:

- Service provider shall provide all necessary safety gadgets like safety shoes, helmets, reflective jackets etc to their employees when they enter in the HZL premises.
- The service provider's employees have to ensure strict compliance of safety measures adopted by HZL.

- The service providers shall be responsible and liable for payment of salary, wages and other legal dues of the employees employed by him for the purpose of rendering service required by company under this agreement.
 - The service providers shall maintain books, account, records and documents comply with all statutory rules and regulations which are applicable to the service providers for the fulfillment of the terms of this agreement.
 - The service provider shall comply in all respect with the provisions of all statutes, rules and regulations applicable to the service provider and/or to the service provider's employees including but not limited to PF act, minimum wages act , ESI Act & Bonus Act & particular the Contract labour (Regulations & Abolition Act,1970) & the rules made there under.
 - Service Provider has to ensure that the wages to their employees is distributed by 7th of every month as per the rates decided by HZL from time to time and the PF and ESI are deposited by 20th of every month. In case of deviation, HZL shall impose suitable penalty on the Service Provider.
 - The Service provider is required to furnish that there is no enquiry /investigation pending by the police against their employees deputed to carry out this job.
 - Service provider shall ensure total compliance of Indian Motor Vehicle Act and amendments thereof as made from time to time. The service provider shall be responsible for any breach/es and damages resulting from such breach/es shall be to service provider's account.
 - The service provider shall be responsible to secure compliance with all central and state laws as well as the rules, regulations, bye-laws / notifications and orders of the local authorities and statutory bodies as may be in force from time to time.
 - The service provider shall make good at his own cost, any damages to the property of anybody, persons, local authorities etc. due to or arising from his operations covered by under this contract.
 - Service provider has to follow all applicable EHS Regulations.
16. Loading of FG will be done as per the loading capacity of vehicle mentioned in the RC. No overload will be allowed.
17. Service Provider has to ensure that all their vehicles are fitted with GPS devices and regular tracking of vehicles is done and SIT report is mailed on daily basis to respective S&D units and central logistics. HZL will suggest a common GPS Service Provider and the decision of HZL will be binding on all the Transporters to use the services of the common service provider so as to ensure that tracking of all the vehicles is done on a common single platform. Penalty of Rs.2000/- per vehicle will be imposed and vehicle will not be allowed for loading, if there is no GPS device of common GPS service provider in vehicle.
18. Service Provider has to ensure road worthiness of the vehicles deployed for FG loading and should ensure strict compliance of our check list which is attached as Annexure "C" with the tender document. In case any vehicle does not comply with our check list then we will have all rights to reject the vehicle and disallow the same.
19. Service Provider will take necessary steps to protect the material from loss, damage or deterioration till it gets delivered to destination. Transporter shall be responsible for all loss, destruction, damage and or deterioration of the material from any cause, whatsoever, while in transit or during handling.

20. Decision for awarding Contract / Work Order shall be at sole discretion of HZL applying reverse auction / negotiation or both & final fitness of the tenderer.
21. Transporters will have to set up customer service desk for servicing the customer who are lifting on Ex work basis.

For Hindustan Zinc Limited

For Tenderer

Authorised Signatory

**Authorised Signatory with
seal of the company**

ANNEXURE – “A” : Details of Bidder (service provider)**Please submit following details along with the tender:**

(You can use additional sheet for furnishing full details wherever its required)

1. Name of the Firm and IBA No: _____

2. Name of the Associated / Sister Companies:

3. Contact Details - Address (H.O.):

Telephone(s) _____, Mobile _____

Email _____

4. Type of the Firm : Sole Proprietorship
(Please tick) Partnership
Pvt. Ltd.
Ltd.
Others (Pl. specify) _____

5. Locations (other than HO):

Offices :

Warehouses :

6. Statutory details :

a) Bank Approved : _____

Registration Number : _____

Registration Year / Valid upto : _____

b) Permanent Account No. (PAN) : _____

c) Service Tax Registration no. : _____

7. Directors / Promoters:

Name : 1) _____ 2) _____
 Age : _____
 Qualification : _____
 Years of Experience : _____
 in this Business : _____

Name : 3) _____ 4) _____
 Age : _____
 Qualification : _____
 Years of Experience: _____
 in this Business : _____

8. Vehicle Particulars:

(Add additional Sheets if required)

Owned /Attached	Make	Type	Age	Nos.	Self	Financed	Leased	Solid/Liquid	Avg. Km. per Month Covered

9. IT Infrastructure: Computers Owned (Nos.) : _____

Software Used:

(For Transport): _____

(For Accounting): _____

10. Routes Operated :

_____	_____
_____	_____
_____	_____
_____	_____

11. Type of Logistic Business

FTL (Solids/Liquids) : _____

LTL : _____

Parcel Service : _____

Warehousing/ C& F : _____

12. Staff Strength

Managerial : _____

Supervisory : _____

Indirect / Contracted : _____

13. Financials:

(Give Figures in Lacs)

	2020-21	2021-22	2022-23 (Estd.)
Freight Turnover			
Net Profit			
Net Worth			
Capital Employed			

14. Major Contracts / Clients:

Name of the Customer	Volume (in Lacs)	Contract – Since(Yrs.)

15. Backhaul Arrangement on different Routes:

16. Claims Record

Number of Trucks Lost
in the Last three Years : _____

Total Value of Claims
in the Last three years : _____

17. Client Reference:
- 1) _____
- 2) _____
- 3) _____

18. Unions in your Operational Area :

Area	Union	Type of Relationship

19. Relationship with the Vedanta Group

/ANNEXURE – “B”

Current Depot Addresses:

Sr. No.	Depot Name	Address
1	FARIDABAD	Hindustan Zinc Ltd.
		C/o Indian Garage Equipment,
		Plot No. 51, Sector-6, Faridabad, Haryana
2	KOLKATA	Hindustan Zinc Ltd.
		C/o NSIC Warehouse,
		Shed No.45, Dhulagarh Truck Terminal,
		Dhulagarh Truck Terminal, KOLKATA
3	BANGALORE	Hindustan Zinc Ltd.
		C/O- BANGALORE DEPOT
		Survey No.64, 72/2,Huskur Road, Makali village, Heggadadeva
		Bangalore Rural
		BANGALORE - 562 123
4	CHENNAI	C/o NSIC NAFED Warehousing Complex,
		CMDA Truck Terminal, Ponnammanmedu,
		P.O. Madhavaram, CHENNAI
5	VADODARA	Hindustan Zinc Ltd.
		C/o, NSIC LTD.,Godown No. 1C
		Karachiya, Nr. Ranoli Flyover Bridge,
		Ranoli,Vadodar 391 350
6	PANVEL	HINDUSTAN ZINC LTD
		C/O NSIC, Plot No: 157/158,
		At Post Nadhal, Taluka: Khalapur, Dist: Raigad
7	Jamshedpur	HINDUSTAN ZINC LTD
		Mascot Steelcon, Mathura Singh & Sons Complex , NH-33, Baliguma,
		Near SS Academy, School,PS-MGM,
		Jamshedpur-831018, Jharkhand

Any changes in the depot address will be intimated timely.

ANNEXURE: “C”

S.NO.	VEHICLE CHECK LIST
1	Floor should be even, strong enough and not damaged, uneven floor vehicles to be rejected by HZL
2	Vehicle floor should be of Steel
3	Tyres to be in good condition - Vehicles with Torn/damaged tyres will not be allowed
4	Vehicle should have both front & reverse horn
5	Front light, back light & reverse light to be in working condition.
6	Vehicle has 3 pieces mirror
7	Vehicles of model 4018 and 4923 should have THREE AXLES
8	Both paddle & hand brakes to be in working condition.
9	Driver 's seat should be stable & in good condition
10	Driver's seat should have three point seat belt
11	Rear & side under run protection for wheels
12	Retro Reflective tape all around the vehicle
13	Vehicle has silencer in ok condition.
14	Both front and rear indicators to be in working condition.
15	Pollution control certificate
16	Vehicle has clean front glass with both wipers in working condition
17	Vehicle should have ISI marked fire extinguisher of 4 Kg
18	All valid RC/ Permit /Insurance should be with the vehicle
19	Vehicle should have good quality Tarpaulin
20	Driver should have valid driving license and follows safe driving cardinal rules
21	Driver should have medical fitness certificate from Registered medical practitioner
22	Driver should have all mandatory PPEs.

ANNEXURE: “D”
(Pls Quote the Rates as Cluster Wise)

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Primary Finished Goods Transportations										
From, (Destinations)	To, (Destinations)	Regions	Cluster	Distance (Kms)	Transit Days	Indicative Daily Quantity (Mt)	Indicative Monthly Quantity (Mt)	Indicative Annual Quantity (Mt)	Average Lorry Carrying Capacity 35-41 Mt	Freight Rate (Rs./Mt) for 35 Mt-41 Mt
Chanderiya	Angul	East	Cluster 1	1502	5	40	35	420	35-41 MT +	
Chanderiya	Bokaro	East	Cluster 1	1420	5	40	56	672	35-41 MT +	
Chanderiya	Dhanbad	East	Cluster 1	1442	5	50	50	600	35-41 MT +	
Chanderiya	Guwahati, Assam	East	Cluster 1	2172	7	40	56	672	35-41 MT +	
Chanderiya	Haldia	East	Cluster 1	1882	6	80	1500	4200	35-41 MT +	
Chanderiya	Jamshedpur	East	Cluster 1	1670	5	80	1000	2520	35-41 MT +	
Chanderiya	Jharsuguda	East	Cluster 1	1425	5	80	280	3360	35-41 MT +	
Chanderiya	Kolkatta & Howrah	East	Cluster 1	1830	6	200	2000	25326	35-41 MT +	
Chanderiya	Rourkela	East	Cluster 1	1451	5	40	300	3600	35-41 MT +	
Chanderiya	Shyamnagar	East	Cluster 1	1781	6	40	60	720	35-41 MT +	
Dariba	Haldia	East	Cluster 1	1882	6	80	2000	12600	35-41 MT +	
Dariba	Kolkatta & Howrah	East	Cluster 1	1800	6	50	1500	18000	35-41 MT +	
Dariba	Shyamnagar, WB	East	Cluster 1	1861	6	40	60	720	35-41 MT +	
Debari	Angul	East	Cluster 1	1652	5	40	40	480	35-41 MT +	
Debari	Jamshedpur	East	Cluster 1	1690	5	40	140	1680	35-41 MT +	
Debari	Jharsuguda	East	Cluster 1	1700	5	40	40	480	35-41 MT +	
Debari	Kolkatta & Howrah	East	Cluster 1	1812	6	40	400	4800	35-41 MT +	
Chanderiya	Ahmednagar	Mumbai West	Cluster 2	837	3	40	300	3600	35-41 MT +	
Chanderiya	Alandi, Pune	Mumbai West	Cluster 2	850	3	40	500	6000	35-41 MT +	
Chanderiya	Ambernath	Mumbai West	Cluster 2	853	3	40	70	840	35-41 MT +	
Chanderiya	Chakan	Mumbai West	Cluster 2	846	3	40	350	4200	35-41 MT +	
Chanderiya	Chalisgaon	Mumbai West	Cluster 2	603	2	40	200	2400	35-41 MT +	
Chanderiya	Chinchwad (Mh)	Mumbai West	Cluster 2	850	3	80	500	3360	35-41 MT +	
Chanderiya	Devli/Thane	Mumbai West	Cluster 2	777	3	40	40	480	35-41 MT +	
Chanderiya	Goa	Mumbai West	Cluster 2	1331	4	40	80	960	35-41 MT +	
Chanderiya	Indapur	Mumbai West	Cluster 2	927	3	40	120	13440	35-41 MT +	
Chanderiya	Jejuri, Maharastra	Mumbai West	Cluster 2	525	2	40	40	480	35-41 MT +	
Chanderiya	JNPT	Mumbai West	Cluster 2	955	3	700	8000	96000	35-41 MT +	
Chanderiya	Khapoli/Khalapur	Mumbai West	Cluster 2	971	3	200	700	7560	35-41 MT +	
Chanderiya	Mumbai/Bhiwandi	Mumbai West	Cluster 2	870	3	500	1500	7560	35-41 MT +	
Chanderiya	Mundwa	Mumbai West	Cluster 2	883	3	40	70	840	35-41 MT +	
Chanderiya	Murbad	Mumbai West	Cluster 2	823	3	40	151.2	1814.4	35-41 MT +	
Chanderiya	Nanded	Mumbai West	Cluster 2	896	3	40	140	1680	35-41 MT +	
Chanderiya	Nardana	Mumbai West	Cluster 2	518	2	40	56	672	35-41 MT +	
Chanderiya	Panvel	Mumbai West	Cluster 2	859	3	300	3500	42000	35-41 MT +	
Chanderiya	Pipavav	Mumbai West	Cluster 2	693	2	200	350	4200	35-41 MT +	
Chanderiya	Pune	Mumbai West	Cluster 2	987	3	120	350	4200	35-41 MT +	
Chanderiya	Ranjangaon (Bajaj)	Mumbai West	Cluster 2	837	3	40	150	1800	35-41 MT +	
Chanderiya	Sanaswadi (AMNS)	Mumbai West	Cluster 2	865	3	80	750	9000	35-41 MT +	
Chanderiya	Satara	Mumbai West	Cluster 2	975	3	40	56	672	35-41 MT +	
Chanderiya	Taloja	Mumbai West	Cluster 2	865	3	113	2380	28560	35-41 MT +	
Chanderiya	Tarapur	Mumbai West	Cluster 2	852	3	40	903	10836	35-41 MT +	
Chanderiya	Umargaon	Mumbai West	Cluster 2	700	2	40	63	756	35-41 MT +	
Chanderiya	Valsad	Mumbai West	Cluster 2	683	2	40	350	4200	35-41 MT +	
Chanderiya	Vasind	Mumbai West	Cluster 2	907	3	200	1050	12600	35-41 MT +	
Dariba	Ahmednagar	Mumbai West	Cluster 2	837	3	80	300	3600	35-41 MT +	
Dariba	Chinchwad (Mh)	Mumbai West	Cluster 2	850	3	80	350	4200	35-41 MT +	
Dariba	JNPT	Mumbai West	Cluster 2	855	3	300	1500	18000	35-41 MT +	
Dariba	Mumbai/Bhiwandi	Mumbai West	Cluster 2	914	3	200	600	4200	35-41 MT +	
Dariba	Panvel	Mumbai West	Cluster 2	859	3	40	35	420	35-41 MT +	

Primary Finished Goods Transportations										
From, (Destinations)	To, (Destinations)	Regions	Cluster	Distance (Kms)	Transit Days	Indicative Daily Quantity (Mt)	Indicative Monthly Quantity (Mt) Variance (+/-20%)	Indicative Annual Quantity (Mt) Variance (+/-20%)	Average Lorry Carrying Capacity 35-41 Mt	Freight Rate (Rs./Mt) for 35 Mt-41 Mt
Dariba	Pune	Mumbai West	Cluster 2	987	3	200	300	3600	35-41 MT +	
Dariba	Ranjangaon (Bajaj)	Mumbai West	Cluster 2	904	3	40	300	2520	35-41 MT +	
Dariba	Taloja	Mumbai West	Cluster 2	865	3	40	600	7200	35-41 MT +	
Dariba	Tarapur	Mumbai West	Cluster 2	732	2	30	60	720	35-41 MT +	
Debari	Ambernath	Mumbai West	Cluster 2	851	3	40	150	1008	35-41 MT +	
Debari	Devli/Thane	Mumbai West	Cluster 2	827	3	40	40	480	35-41 MT +	
Debari	Jejuri, Maharastra	Mumbai West	Cluster 2	600	2	40	40	480	35-41 MT +	
Debari	JNPT	Mumbai West	Cluster 2	792	3	40	300	3600	35-41 MT +	
Debari	Khopoli/Khalapur	Mumbai West	Cluster 2	813	3	200	600	7200	35-41 MT +	
Debari	Mumbai/Bhiwandi	Mumbai West	Cluster 2	771	3	80	40	480	35-41 MT +	
Debari	Murbad	Mumbai West	Cluster 2	770	3	40	80	554.4	35-41 MT +	
Debari	Murbad	Mumbai West	Cluster 2	770	3	40	40	480	35-41 MT +	
Debari	Panel	Mumbai West	Cluster 2	756	3	80	300	3600	35-41 MT +	
Debari	Pitampur	Mumbai West	Cluster 2	450	2	40	80	960	35-41 MT +	
Debari	Pune	Mumbai West	Cluster 2	690	2	40	40	480	35-41 MT +	
Debari	Sanaswadi (AMNS)	Mumbai West	Cluster 2	716	2	40	80	960	35-41 MT +	
Debari	Taloja	Mumbai West	Cluster 2	800	3	40	80	960	35-41 MT +	
Debari	Tarapur	Mumbai West	Cluster 2	742	2	40	240	1680	35-41 MT +	
Debari	Valsad	Mumbai West	Cluster 2	619	2	40	245	2940	35-41 MT +	
Chanderiya	Ahmedabad	Other West	Cluster 3	350	1	40	525	6300	35-41 MT +	
Chanderiya	Anjar	Other West	Cluster 3	668	2	40	868	10416	35-41 MT +	
Chanderiya	Baroda	Other West	Cluster 3	455	2	80	1200	14400	35-41 MT +	
Chanderiya	Chhatral	Other West	Cluster 3	425	2	25	100	1200	35-41 MT +	
Chanderiya	Daman	Other West	Cluster 3	773	3	40	75	900	35-41 MT +	
Chanderiya	Gandhidham	Other West	Cluster 3	622	2	25	50	600	35-41 MT +	
Chanderiya	Gandhinagar	Other West	Cluster 3	357	2	40	200	1680	35-41 MT +	
Chanderiya	Halol	Other West	Cluster 3	428	2	80	1200	25200	35-41 MT +	
Chanderiya	Hazira	Other West	Cluster 3	627	2	80	700	8400	35-41 MT +	
Chanderiya	Himmatnagar	Other West	Cluster 3	350	1	40	40	480	35-41 MT +	
Chanderiya	Jamnagar	Other West	Cluster 3	707	2	80	300	1680	35-41 MT +	
Chanderiya	Junagarh, Gujarat	Other West	Cluster 3	720	2	40	28	336	35-41 MT +	
Chanderiya	Kalameshwar	Other West	Cluster 3	780	3	200	500	6000	35-41 MT +	
Chanderiya	Karajgaon (SILOX)	Other West	Cluster 3	773	3	300	2300	27600	35-41 MT +	
Chanderiya	Katni	Other West	Cluster 3	825	3	40	40	480	35-41 MT +	
Chanderiya	Mangaon/Raigad	Other West	Cluster 3	990	3	40	120	480	35-41 MT +	
Chanderiya	Mehsana	Other West	Cluster 3	384	2	40	28	336	35-41 MT +	
Chanderiya	Mundra	Other West	Cluster 3	724	2	600	14000	168000	35-41 MT +	
Chanderiya	Nadiad	Other West	Cluster 3	384	2	40	35	420	35-41 MT +	
Chanderiya	Nagpur/Butibori	Other West	Cluster 3	836	3	80	1100	13200	35-41 MT +	
Chanderiya	Nasik	Other West	Cluster 3	725	2	40	56	672	35-41 MT +	
Chanderiya	Pithampur (MP)	Other West	Cluster 3	450	2	40	120	1440	35-41 MT +	
Chanderiya	Rajkot	Other West	Cluster 3	594	2	40	70	840	35-41 MT +	
Chanderiya	Sarigam	Other West	Cluster 3	790	3	40	140	1680	35-41 MT +	
Chanderiya	Silvassa	Other West	Cluster 3	753	3	80	700	8400	35-41 MT +	
Chanderiya	Umred	Other West	Cluster 3	834	3	40	98	1176	35-41 MT +	
Chanderiya	Wardha/Deoli	Other West	Cluster 3	851	3	40	200	2400	35-41 MT +	
Dariba	Anjar	Other West	Cluster 3	600	2	40	200	2400	35-41 MT +	
Dariba	Mundra	Other West	Cluster 3	621	2	300	1500	18000	35-41 MT +	
Dariba	Nagpur	Other West	Cluster 3	916	3	30	60	720	35-41 MT +	
Dariba	Pithampur	Other West	Cluster 3	400	2	40	120	1440	35-41 MT +	

Primary Finished Goods Transportations										
From, (Destinations)	To, (Destinations)	Regions	Cluster	Distance (Kms)	Transit Days	Indicative Daily Quantity (Mt)	Indicative Monthly Quantity (Mt) Variance (+/-20%)	Indicative Annual Quantity (Mt) Variance (+/-20%)	Average Lorry Carrying Capacity 35-41 Mt	Freight Rate (Rs./Mt) for 35 Mt-41 Mt
Debari	Ahmedabad	Other West	Cluster 3	289	1	40	40	480	35-41 MT +	
Debari	Anjar	Other West	Cluster 3	534	2	120	1200	14400	35-41 MT +	
Debari	Baroda	Other West	Cluster 3	346	1	40	200	840	35-41 MT +	
Debari	Chhatral	Other West	Cluster 3	315	1	25	100	1200	35-41 MT +	
Debari	Gandhinagar	Other West	Cluster 3	289	1	80	800	12600	35-41 MT +	
Debari	Hazira	Other West	Cluster 3	516	2	120	400	4800	35-41 MT +	
Debari	Indore	Other West	Cluster 3	400	2	40	28	336	35-41 MT +	
Debari	Jabalpur	Other West	Cluster 3	1013	3	40	140	1680	35-41 MT +	
Debari	Jamnagar	Other West	Cluster 3	568	2	40	200	1680	35-41 MT +	
Debari	Kalameshwar	Other West	Cluster 3	900	3	40	120	1440	35-41 MT +	
Debari	Karajgaon (SILOX)	Other West	Cluster 3	664	2	80	700	8400	35-41 MT +	
Debari	Katni	Other West	Cluster 3	919	3	40	40	480	35-41 MT +	
Debari	Mangaon	Other West	Cluster 3	881	3	40	40	480	35-41 MT +	
Debari	Mangaon/Raigad	Other West	Cluster 3	881	3	40	80	336	35-41 MT +	
Debari	Mehsana	Other West	Cluster 3	300	1	40	80	960	35-41 MT +	
Debari	Mundra	Other West	Cluster 3	570	2	80	300	3600	35-41 MT +	
Debari	Nagpur/Butibori	Other West	Cluster 3	923	3	40	490	5880	35-41 MT +	
Debari	Silvassa	Other West	Cluster 3	664	2	40	200	2400	35-41 MT +	
Debari	Umred	Other West	Cluster 3	884	3	40	28	336	35-41 MT +	
Debari	Wardha/Deoli	Other West	Cluster 3	901	3	40	400	4800	35-41 MT +	
Chanderiya	Baloda Bazaar	North	Cluster 4	1185	4	40	40	480	35-41 MT +	
Chanderiya	Agra	North	Cluster 4	510	2	40	40	480	35-41 MT +	
Chanderiya	Aligarh- Up	North	Cluster 4	587	2	40	28	336	35-41 MT +	
Chanderiya	Alwar	North	Cluster 4	450	2	25	25	300	35-41 MT +	
Chanderiya	Amritsar	North	Cluster 4	900	3	25	25	300	35-41 MT +	
Chanderiya	Baddi, Hp	North	Cluster 4	851	3	40	40	480	35-41 MT +	
Chanderiya	Bahadurgarh	North	Cluster 4	605	2	40	160	1920	35-41 MT +	
Chanderiya	Bawal	North	Cluster 4	505	2	40	400	4800	35-41 MT +	
Chanderiya	Bhandara	North	Cluster 4	920	3	80	600	7200	35-41 MT +	
Chanderiya	Bhiwadi (Rajasthan)	North	Cluster 4	520	2	40	300	3600	35-41 MT +	
Chanderiya	Chanderiya Local	North	Cluster 4	30	1	40	40	480	35-41 MT +	
Chanderiya	Delhi	North	Cluster 4	560	2	80	800	9600	35-41 MT +	
Chanderiya	Derabassi	North	Cluster 4	826	3	40	200	2400	35-41 MT +	
Chanderiya	Faridabad	North	Cluster 4	603	2	80	1500	18000	35-41 MT +	
Chanderiya	Ghatabilod	North	Cluster 4	370	2	40	120	1440	35-41 MT +	
Chanderiya	Ghaziabad	North	Cluster 4	610	2	200	800	9600	35-41 MT +	
Chanderiya	Gurgaon , Haryana	North	Cluster 4	528	2	40	150	1800	35-41 MT +	
Chanderiya	Hapur	North	Cluster 4	665	2	40	250	3000	35-41 MT +	
Chanderiya	Haridwar	North	Cluster 4	770	3	40	80	960	35-41 MT +	
Chanderiya	Hissar	North	Cluster 4	663	2	40	500	6000	35-41 MT +	
Chanderiya	Indore	North	Cluster 4	370	2	40	56	672	35-41 MT +	
Chanderiya	Jabalpur	North	Cluster 4	855	3	40	140	1680	35-41 MT +	
Chanderiya	Jagadhari(Yamunanagar)	North	Cluster 4	767	3	40	700	8400	35-41 MT +	
Chanderiya	Jaipur	North	Cluster 4	333	1	40	1000	12000	35-41 MT +	
Chanderiya	Jalandhar	North	Cluster 4	904	3	80	600	7200	35-41 MT +	
Chanderiya	Jammu	North	Cluster 4	1181	4	40	250	3000	35-41 MT +	
Chanderiya	Kale Amb, Hp	North	Cluster 4	974	3	40	50	600	35-41 MT +	
Chanderiya	Kosi Kolan (Up)	North	Cluster 4	616	2	40	50	600	35-41 MT +	
Chanderiya	Kota	North	Cluster 4	200	1	40	40	480	35-41 MT +	
Chanderiya	Ludhiana	North	Cluster 4	850	3	80	500	6000	35-41 MT +	

Primary Finished Goods Transportations										
From, (Destinations)	To, (Destinations)	Regions	Cluster	Distance (Kms)	Transit Days	Indicative Daily Quantity (Mt)	Indicative Monthly Quantity (Mt) Variance (+/-20%)	Indicative Annual Quantity (Mt) Variance (+/-20%)	Average Lorry Carrying Capacity 35-41 Mt	Freight Rate (Rs./Mt) for 35 Mt-41 Mt
Chanderiya	Malanpur, Mp	North	Cluster 4	549	2	40	120	1440	35-41 MT +	
Chanderiya	Mandi Govindgarh	North	Cluster 4	881	3	40	28	336	35-41 MT +	
Chanderiya	Meerut	North	Cluster 4	640	2	40	28	336	35-41 MT +	
Chanderiya	Mount Abu	North	Cluster 4	335	1	40	40	480	35-41 MT +	
Chanderiya	Muzaffarnagar	North	Cluster 4	710	2	40	28	336	35-41 MT +	
Chanderiya	Newai	North	Cluster 4	280	1	40	40	480	35-41 MT +	
Chanderiya	Noida	North	Cluster 4	610	2	40	100	1200	35-41 MT +	
Chanderiya	Palwal	North	Cluster 4	603	2	40	300	3600	35-41 MT +	
Chanderiya	Patiala	North	Cluster 4	760	3	25	25	300	35-41 MT +	
Chanderiya	Raipur	North	Cluster 4	1100	4	40	400	4800	35-41 MT +	
Chanderiya	Rewari	North	Cluster 4	520	2	40	40	480	35-41 MT +	
Chanderiya	Roorkee	North	Cluster 4	740	2	25	25	300	35-41 MT +	
Chanderiya	Sahibabad	North	Cluster 4	586	2	200	300	3600	35-41 MT +	
Chanderiya	Sikandarabad	North	Cluster 4	653	2	40	1500	18000	35-41 MT +	
Chanderiya	Sikar	North	Cluster 4	386	2	40	40	480	35-41 MT +	
Chanderiya	Sonipat	North	Cluster 4	628	2	40	400	4800	35-41 MT +	
Chanderiya	Una	North	Cluster 4	956	3	40	120	1440	35-41 MT +	
Dariba	Raipur	North	Cluster 4	1134	4	40	35	420	35-41 MT +	
Dariba	Baddi, HP	North	Cluster 4	867	3	40	150	1800	35-41 MT +	
Dariba	Bawal	North	Cluster 4	505	2	40	300	3600	35-41 MT +	
Dariba	Chennai	North	Cluster 4	1950	6	40	80	960	35-41 MT +	
Dariba	Ghaziabad/Sahibabad	North	Cluster 4	615	2	50	400	4800	35-41 MT +	
Dariba	Pantnagar (Rudrapur)	North	Cluster 4	890	3	40	140	1680	35-41 MT +	
Debari	Baloda Bazaar	North	Cluster 4	1172	4	40	40	480	35-41 MT +	
Debari	Raipur	North	Cluster 4	1205	4	40	238	2856	35-41 MT +	
Debari	Aligarh	North	Cluster 4	687	2	40	28	336	35-41 MT +	
Debari	Amritsar	North	Cluster 4	1000	3	40	21	252	35-41 MT +	
Debari	Bahadurgarh	North	Cluster 4	717	2	40	200	2400	35-41 MT +	
Debari	Bhiwadi (Rajasthan)	North	Cluster 4	771	3	40	160	1920	35-41 MT +	
Debari	Chanderiya Local	North	Cluster 4	120	1	40	40	480	35-41 MT +	
Debari	Delhi	North	Cluster 4	670	2	40	80	960	35-41 MT +	
Debari	Derabassi	North	Cluster 4	932	3	40	28	336	35-41 MT +	
Debari	Faridabad	North	Cluster 4	714	2	80	350	4200	35-41 MT +	
Debari	Ghaziabad /Shahibabad	North	Cluster 4	731	2	40	200	2400	35-41 MT +	
Debari	Hissar	North	Cluster 4	764	3	40	200	2400	35-41 MT +	
Debari	Jaipur	North	Cluster 4	410	2	40	120	1440	35-41 MT +	
Debari	Jalandhar	North	Cluster 4	1013	3	40	28	336	35-41 MT +	
Debari	Jammu	North	Cluster 4	1260	4	40	17.5	210	35-41 MT +	
Debari	Kota	North	Cluster 4	274	1	40	17.5	210	35-41 MT +	
Debari	Ludhiana	North	Cluster 4	955	3	40	56	672	35-41 MT +	
Debari	Malanpur	North	Cluster 4	657	2	40	80	960	35-41 MT +	
Debari	Meerut	North	Cluster 4	735	2	40	28	336	35-41 MT +	
Debari	Mount Abu	North	Cluster 4	170	1	40	40	480	35-41 MT +	
Debari	Newai	North	Cluster 4	322	1	40	40	480	35-41 MT +	
Debari	Noida	North	Cluster 4	676	2	40	84	1008	35-41 MT +	
Debari	Sikandarabad	North	Cluster 4	764	3	40	400	4800	35-41 MT +	
Debari	Sikar	North	Cluster 4	490	2	40	40	480	35-41 MT +	
Chanderiya	Bangalore	South	Cluster 5	1706	5	120	1050	12600	35-41 MT +	
Chanderiya	Bellary/Torangallu	South	Cluster 5	1450	5	40	400	4800	35-41 MT +	
Chanderiya	Bellur	South	Cluster 5	1615	5	25	75	900	35-41 MT +	
Chanderiya	Chennai	South	Cluster 5	1900	6	40	1000	12000	35-41 MT +	

Primary Finished Goods Transportations										
From, (Destinations)	To, (Destinations)	Regions	Cluster	Distance (Kms)	Transit Days	Indicative Daily Quantity (Mt)	Indicative Monthly Quantity (Mt) Variance (+/-20%)	Indicative Annual Quantity (Mt) Variance (+/-20%)	Average Lorry Carrying Capacity 35-41 Mt	Freight Rate (Rs./Mt) for 35 Mt-41 Mt
Chanderiya	Chittoor	South	Cluster 5	1902	6	80	1500	21000	35-41 MT +	
Chanderiya	Davangere	South	Cluster 5	1438	5	40	40	480	35-41 MT +	
Chanderiya	Hindupur, Ap	South	Cluster 5	1665	5	40	40	480	35-41 MT +	
Chanderiya	Hosur	South	Cluster 5	1726	5	40	1250	15000	35-41 MT +	
Chanderiya	Hyderabad	South	Cluster 5	1320	4	40	120	1440	35-41 MT +	
Chanderiya	Kanchipuram	South	Cluster 5	1900	6	40	200	2400	35-41 MT +	
Chanderiya	Kolar	South	Cluster 5	1685	5	40	40	480	35-41 MT +	
Chanderiya	Maddur	South	Cluster 5	1647	5	40	200	2400	35-41 MT +	
Chanderiya	Malur (Near Bangalore)	South	Cluster 5	1828	6	40	300	3600	35-41 MT +	
Chanderiya	Medak	South	Cluster 5	1083	4	40	40	480	35-41 MT +	
Chanderiya	Pondicherry	South	Cluster 5	2150	7	40	40	300	35-41 MT +	
Chanderiya	Tada	South	Cluster 5	1918	6	40	200	2400	35-41 MT +	
Chanderiya	Tirupati	South	Cluster 5	1877	6	120	2500	32000	35-41 MT +	
Dariba	Bangalore	South	Cluster 5	1706	5	40	42	504	35-41 MT +	
Dariba	Chittoor	South	Cluster 5	1875	6	40	80	1000	35-41 MT +	
Dariba	Hosur	South	Cluster 5	1726	5	40	1250	15000	35-41 MT +	
Dariba	Hyderabad	South	Cluster 5	1320	4	40	120	1440	35-41 MT +	
Dariba	Kanchipuram	South	Cluster 5	1900	6	40	40	300	35-41 MT +	
Dariba	Malur (Near Bangalore)	South	Cluster 5	1728	5	40	300	3600	35-41 MT +	
Dariba	Pondicherry	South	Cluster 5	2150	7	40	40	300	35-41 MT +	
Dariba	Tada	South	Cluster 5	1918	6	40	200	2400	35-41 MT +	
Dariba	Tirupati	South	Cluster 5	1855	6	40	240	3000	35-41 MT +	
Debari	Bangalore	South	Cluster 5	1706	5	40	70	840	35-41 MT +	
Debari	Chennai	South	Cluster 5	1950	6	40	80	960	35-41 MT +	
Debari	Davangere	South	Cluster 5	1499	5	40	40	480	35-41 MT +	
Debari	Hindupur, Ap	South	Cluster 5	1698	5	40	40	480	35-41 MT +	
Debari	Hosur	South	Cluster 5	1754	5	40	40	480	35-41 MT +	
Debari	Hyderabad	South	Cluster 5	1422	5	40	120	1440	35-41 MT +	
Debari	Kolar	South	Cluster 5	1792	6	40	40	480	35-41 MT +	
Debari	Malur (Near Bangalore)	South	Cluster 5	1722	5	40	40	480	35-41 MT +	
Debari	Medak	South	Cluster 5	1267	4	40	40	480	35-41 MT +	
Pantnagar	Angul	East	Cluster 6	1365	4	80	350	2520	35-41 MT +	
Pantnagar	Bokaro	East	Cluster 6	1158	4	40	200	2520	35-41 MT +	
Pantnagar	Dhanbad	East	Cluster 6	1055	3	40	28	336	35-41 MT +	
Pantnagar	Haldia	East	Cluster 6	1433	5	40	210	2520	35-41 MT +	
Pantnagar	Jamshedpur	East	Cluster 6	1239	4	200	1400	5880	35-41 MT +	
Pantnagar	Jamshedpur	East	Cluster 6	1239	4	200	700	5880	35-41 MT +	
Pantnagar	Jharsuguda	East	Cluster 6	1175	4	200	350	4200	35-41 MT +	
Pantnagar	Kolkatta & Howrah	East	Cluster 6	1334	4	300	3150	37800	35-41 MT +	
Pantnagar	Rourkela	East	Cluster 6	1227	4	40	300	3600	35-41 MT +	
Pantnagar	Devli/Thane	Mumbai West	Cluster 7	1202	4	40	40	480	35-41 MT +	
Pantnagar	Jnpt	Mumbai West	Cluster 7	1513	5	400	300	3600	35-41 MT +	
Pantnagar	Khapoli/Khalapur	Mumbai West	Cluster 7	1532	5	200	1400	16800	35-41 MT +	
Pantnagar	Mumbai/Bhiwandi	Mumbai West	Cluster 7	1684	5	40	175	2100	35-41 MT +	
Pantnagar	Murbad	Mumbai West	Cluster 7	1630	5	40	40	480	35-41 MT +	
Pantnagar	Parvel	Mumbai West	Cluster 7	1664	5	200	700	8400	35-41 MT +	
Pantnagar	Pipavav	Mumbai West	Cluster 7	1503	5	40	80	8400	35-41 MT +	
Pantnagar	Pune(Alandi & Markel)	Mumbai West	Cluster 7	1528	5	40	40	480	35-41 MT +	
Pantnagar	Ranjangaon (Pune)	Mumbai West	Cluster 7	1651	5	40	56	672	35-41 MT +	

Primary Finished Goods Transportations										
From, (Destinations)	To, (Destinations)	Regions	Cluster	Distance (Kms)	Transit Days	Indicative Daily Quantity (Mt)	Indicative Monthly Quantity (Mt) Variance (+/-20%)	Indicative Annual Quantity (Mt) Variance (+/-20%)	Average Lorry Carrying Capacity 35-41 Mt	Freight Rate (Rs./Mt) for 35 Mt-41 Mt
Pantnagar	Sanaswadi (AMNS)	Mumbai West	Cluster 7	1550	5	80	500	6000	35-41 MT +	
Pantnagar	Taloja	Mumbai West	Cluster 7	1654	5	40	200	2400	35-41 MT +	
Pantnagar	Tarapur	Mumbai West	Cluster 7	1629	5	40	120	2940	35-41 MT +	
Pantnagar	Valsad	Mumbai West	Cluster 7	1437	5	40	84	1008	35-41 MT +	
Pantnagar	Vasind	Mumbai West	Cluster 7	1427	5	40	350	4200	35-41 MT +	
Pantnagar	Ahmedabad	Other West	Cluster 8	1183	4	40	40	480	35-41 MT +	
Pantnagar	Anjar	Other West	Cluster 8	1343	4	40	80	672	35-41 MT +	
Pantnagar	Baroda	Other West	Cluster 8	1225	4	40	350	4200	35-41 MT +	
Pantnagar	Gandhinagar	Other West	Cluster 8	1173	4	40	80	960	35-41 MT +	
Pantnagar	Hazira	Other West	Cluster 8	1415	4	40	500	6000	35-41 MT +	
Pantnagar	Kalameshwar	Other West	Cluster 8	1101	4	120	400	4800	35-41 MT +	
Pantnagar	Kale Ambe	Other West	Cluster 8	350	1	40	17.5	210	35-41 MT +	
Pantnagar	Karajgaon (SILOX)	Other West	Cluster 8	1500	5	40	200	2400	35-41 MT +	
Pantnagar	Mangaon	Other West	Cluster 8	1629	5	40	40	480	35-41 MT +	
Pantnagar	Mundra	Other West	Cluster 8	1379	4	300	300	3600	35-41 MT +	
Pantnagar	Nagpur/Butibori	Other West	Cluster 8	1053	3	40	560	6720	35-41 MT +	
Pantnagar	Pithampur	Other West	Cluster 8	1100	4	40	120	1440	35-41 MT +	
Pantnagar	Silvassa	Other West	Cluster 8	1480	5	40	140	1680	35-41 MT +	
Pantnagar	Umred	Other West	Cluster 8	1161	4	40	40	336	35-41 MT +	
Pantnagar	Wardha/Deoli	Other West	Cluster 8	1190	4	80	200	2400	35-41 MT +	
Pantnagar	Baloda Bazaar	North	Cluster 9	1149	4	40	40	480	35-41 MT +	
Pantnagar	Akalgarh	North	Cluster 9	530	2	40	17.5	210	35-41 MT +	
Pantnagar	Aligarh	North	Cluster 9	242	1	40	28	336	35-41 MT +	
Pantnagar	Alwar	North	Cluster 9	410	2	40	50	600	35-41 MT +	
Pantnagar	Bahadurgarh	North	Cluster 9	278	1	40	200	2400	35-41 MT +	
Pantnagar	Bhandara	North	Cluster 9	1111	4	40	200	2400	35-41 MT +	
Pantnagar	Bhiwadi (Rajasthan)	North	Cluster 9	338	1	40	175	2100	35-41 MT +	
Pantnagar	Chanderiya Local	North	Cluster 9	840	3	40	40	480	35-41 MT +	
Pantnagar	Delhi	North	Cluster 9	251	1	40	400	4800	35-41 MT +	
Pantnagar	Derabassi	North	Cluster 9	392	2	40	28	336	35-41 MT +	
Pantnagar	Faridabad	North	Cluster 9	275	1	300	490	5880	35-41 MT +	
Pantnagar	Ghatabilod	North	Cluster 9	974	3	40	56	672	35-41 MT +	
Pantnagar	Ghaziabad /Shahibabad	North	Cluster 9	237	1	300	500	6000	35-41 MT +	
Pantnagar	Haridwar	North	Cluster 9	205	1	40	80	960	35-41 MT +	
Pantnagar	Hissar	North	Cluster 9	415	2	40	200	2400	35-41 MT +	
Pantnagar	Indore	North	Cluster 9	911	3	40	28	336	35-41 MT +	
Pantnagar	Jabalpur	North	Cluster 9	790	3	40	56	672	35-41 MT +	
Pantnagar	Jagadhari (Yamunanagar)	North	Cluster 9	309	1	40	400	4800	35-41 MT +	
Pantnagar	Jaipur	North	Cluster 9	512	2	40	126	1512	35-41 MT +	
Pantnagar	Jalandhar	North	Cluster 9	564	2	40	500	6000	35-41 MT +	
Pantnagar	Kanpur	North	Cluster 9	342	1	40	56	672	35-41 MT +	
Pantnagar	Kosi Kalan	North	Cluster 9	340	1	40	35	420	35-41 MT +	
Pantnagar	Ludhiana	North	Cluster 9	474	2	40	300	3600	35-41 MT +	
Pantnagar	Malanpur	North	Cluster 9	415	2	40	105	1260	35-41 MT +	
Pantnagar	Mandi Govindgarh	North	Cluster 9	426	2	40	28	336	35-41 MT +	
Pantnagar	Meerut	North	Cluster 9	220	1	40	28	336	35-41 MT +	
Pantnagar	Mount Abu	North	Cluster 9	1060	3	40	40	480	35-41 MT +	
Pantnagar	Muzaffarnagar	North	Cluster 9	221	1	40	35	420	35-41 MT +	
Pantnagar	Newai	North	Cluster 9	576	2	40	40	480	35-41 MT +	
Pantnagar	Noida	North	Cluster 9	244	1	40	120	1440	35-41 MT +	

Primary Finished Goods Transportations										
From, (Destinations)	To, (Destinations)	Regions	Cluster	Distance (Kms)	Transit Days	Indicative Daily Quantity (Mt)	Indicative Monthly Quantity (Mt) Variance (+/-20%)	Indicative Annual Quantity (Mt) Variance (+/-20%)	Average Lorry Carrying Capacity 35-41 Mt	Freight Rate (Rs./Mt) for 35 Mt-41 Mt
Pantnagar	Palwal	North	Cluster 9	287	1	40	200	2400	35-41 MT +	
Pantnagar	Pitampur	North	Cluster 9	938	3	40	120	1440	35-41 MT +	
Pantnagar	Raipur	North	Cluster 9	1115	4	40	300	3600	35-41 MT +	
Pantnagar	Rewari	North	Cluster 9	338	1	40	120	1440	35-41 MT +	
Pantnagar	Roorkee	North	Cluster 9	236	1	40	17.5	210	35-41 MT +	
Pantnagar	Sikandarabad	North	Cluster 9	226	1	40	400	4800	35-41 MT +	
Pantnagar	Sikar	North	Cluster 9	560	2	40	40	480	35-41 MT +	
Pantnagar	Sonipat	North	Cluster 9	285	1	40	120	1440	35-41 MT +	
Pantnagar	Bangalore	South	Cluster 10	2111	6	40	140	1680	35-41 MT +	
Pantnagar	Bellary/Torangallu	South	Cluster 10	2004	6	300	700	8400	35-41 MT +	
Pantnagar	Bellur	South	Cluster 10	2292	7	25	75	900	35-41 MT +	
Pantnagar	Chennai	South	Cluster 10	2225	7	40	300	3600	35-41 MT +	
Pantnagar	Davangere	South	Cluster 10	2296	7	40	40	480	35-41 MT +	
Pantnagar	Hindupur, Ap	South	Cluster 10	2117	6	40	40	480	35-41 MT +	
Pantnagar	Hosur	South	Cluster 10	2173	7	40	40	480	35-41 MT +	
Pantnagar	Hyderabad	South	Cluster 10	1545	5	40	120	1440	35-41 MT +	
Pantnagar	kanchipuram	South	Cluster 10	2300	7	40	200	2400	35-41 MT +	
Pantnagar	Kolar	South	Cluster 10	2211	7	40	40	480	35-41 MT +	
Pantnagar	Maddur	South	Cluster 10	2285	7	40	200	2400	35-41 MT +	
Pantnagar	Malur (Near Bangalore)	South	Cluster 10	2228	7	40	40	480	35-41 MT +	
Pantnagar	Medak	South	Cluster 10	1548	5	40	40	480	35-41 MT +	
Pantnagar	Pondicherry	South	Cluster 10	1380	4	40	40	300	35-41 MT +	
Pantnagar	Tada	South	Cluster 10	270	1	40	200	2400	35-41 MT +	

Secondary (Depot) Finished Goods Transportations									
From, (Destinations)	To, (Destinations)	Cluster	Distance (Kms)	Transit Days	Indicative Daily Quantity (M ³)	Indicative Monthly Quantity (Mt) Variance (+/-20%)	Indicative Annual Quantity (Mt) Variance (+/-20%)	Freight Rate (Rs./Mt) for 21 Mt-41 Mt	Freight Rate (Rs./Mt) for 21 Mt-41 Mt
Bangalore	Ballary	Cluster 11	300	1	50	120	1440	21-41 MT +	
Bangalore	Bommasandra	Cluster 11	60	1	25	300	3600	21-41 MT +	
Bangalore	Chennai	Cluster 11	350	1	50	170	2000	21-41 MT +	
Bangalore	Chittoor	Cluster 11	250	1	50	25	300	21-41 MT +	
Bangalore	Coimbatore	Cluster 11	360	2	50	25	300	21-41 MT +	
Bangalore	Davangere	Cluster 11	242	1	50	60	720	21-41 MT +	
Bangalore	Electronic city(CEEDEE)	Cluster 11	60	1	20	40	3000	21-41 MT +	
Bangalore	Hindupur, Anantpur	Cluster 11	94	1	50	60	720	21-41 MT +	
Bangalore	Hosur	Cluster 11	40	1	25	60	720	21-41 MT +	
Bangalore	Hyderabad	Cluster 11	600	2	25	120	1440	21-41 MT +	
Bangalore	Jiggani	Cluster 11	20	1	100	250	3000	21-41 MT +	
Bangalore	Kanchipuram	Cluster 11	219	1	50	25	300	21-41 MT +	
Bangalore	Local - 25km	Cluster 11	25	1	50	150	1800	21-41 MT +	
Bangalore	Maddur	Cluster 11	120	1	25	190	2300	21-41 MT +	
Bangalore	Malur	Cluster 11	100	1	25	60	720	21-41 MT +	
Bangalore	Mysore	Cluster 11	140	1	50	170	2000	21-41 MT +	
Bangalore	Peenya	Cluster 11	20	1	100	170.0	2050	21-41 MT +	
Bangalore	Pondicheery	Cluster 11	268	1	50	25	300	21-41 MT +	
Bangalore	RENIGUNTA	Cluster 11	221	1	50	25	300	21-41 MT +	
Bangalore	Tada	Cluster 11	250	1	50	25	300	21-41 MT +	
Bangalore	Tirupati	Cluster 11	250	1	50	25	300	21-41 MT +	
Bangalore	Tumkur	Cluster 11	46	1	25	150	1800	21-41 MT +	
Baroda	Ahmedabad	Cluster 12	98	1	25	50	600	21-41 MT +	
Baroda	Alandi,	Cluster 12	427	2	25	100	1200	21-41 MT +	
Baroda	Anjar	Cluster 12	335	1	25	80	960	21-41 MT +	
Baroda	Baroda (Local)	Cluster 12	25	1	25	60	720	21-41 MT +	
Baroda	Bhuj	Cluster 12	374	2	25	40	480	21-41 MT +	
Baroda	Chhatral	Cluster 12	131	1	25	50	600	21-41 MT +	
Baroda	Daman	Cluster 12	216	1	25	25	300	21-41 MT +	
Baroda	Gandhidham	Cluster 12	324	1	25	25	300	21-41 MT +	
Baroda	Gandhinagar	Cluster 12	115	1	25	50	600	21-41 MT +	
Baroda	Halol	Cluster 12	36	1	25	50	600	21-41 MT +	
Baroda	Hazira	Cluster 12	135	1	25	80	960	21-41 MT +	
Baroda	Himmattnagar	Cluster 12	180	1	25	50	600	21-41 MT +	
Baroda	Jamnagar	Cluster 12	321	1	25	80	960	21-41 MT +	
Baroda	Kalmeshwar	Cluster 12	780	3	100	200	2400	21-41 MT +	
Baroda	Kheda	Cluster 12	80	1	25	30	360	21-41 MT +	
Baroda	Khopoli	Cluster 12	427	2	50	200	2400	21-41 MT +	
Baroda	Mundra	Cluster 12	360	2	25	25	300	21-41 MT +	
Baroda	Pune	Cluster 12	427	2	25	40	480	21-41 MT +	
Baroda	Rajkot	Cluster 12	246	1	25	40	480	21-41 MT +	
Baroda	Sarigam	Cluster 12	194	1	25	80	960	21-41 MT +	
Baroda	Satara	Cluster 12	500	2	25	25	300	21-41 MT +	
Baroda	Silvassa	Cluster 12	227	1	25	120	1440	21-41 MT +	
Baroda	Tarapur	Cluster 12	275	1	100	700	8400	21-41 MT +	
Baroda	Valsad	Cluster 12	190	1	25	30	360	21-41 MT +	
Baroda	Vasind	Cluster 12	390	2	100	300	3600	21-41 MT +	
Chennai	Bangalore	Cluster 13	350	1	24	25	300	21-41 MT +	
Chennai	Chittoor	Cluster 13	147	1	50	25	300	21-41 MT +	
Chennai	Coimbatore	Cluster 13	419	2	25	25	300	21-41 MT +	
Chennai	Gummidipoondi	Cluster 13	20	1	50	125	1500	21-41 MT +	
Chennai	Hindupur, Anantpur	Cluster 13	300	1	25	30	360	21-41 MT +	
Chennai	Hosur	Cluster 13	300	1	50	25	300	21-41 MT +	
Chennai	Hyderabad	Cluster 13	511	2	25	25	300	21-41 MT +	
Chennai	Kanchipuram	Cluster 13	80	1	25	80	960	21-41 MT +	

Secondary (Depot) Finished Goods Transportations									
From, (Destinations)	To, (Destinations)	Cluster	Distance (Kms)	Transit Days	Indicative Daily Quantity (M ³)	Indicative Monthly Quantity (Mt) Variance (+/-20%)	Indicative Annual Quantity (Mt) Variance (+/-20%)	Freight Rate (Rs./Mt) for 21 Mt-41 Mt	Freight Rate (Rs./Mt) for 21 Mt-41 Mt
Chennai	Local - Mannali / Maramalai Nagar	Cluster 13	30	1	100	1000	12000	21-41 MT +	
Chennai	Malur	Cluster 13	245	1	25	40	500	21-41 MT +	
Chennai	Nellore	Cluster 13	170	1	24	25	300	21-41 MT +	
Chennai	Perundurai, Erode	Cluster 13	331	1	25	25	300	21-41 MT +	
Chennai	Pondicherry	Cluster 13	160	1	25	50	600	21-41 MT +	
Chennai	Tada	Cluster 13	80	1	25	40	480	21-41 MT +	
Chennai	Tirupati	Cluster 13	130	1	50	25	300	21-41 MT +	
Faridabad	Akalgarh	Cluster 14	425	2	25	25	300	21-41 MT +	
Faridabad	Aligarh	Cluster 14	95	1	25	80	960	21-41 MT +	
Faridabad	Alwar	Cluster 14	116	1	25	50	600	21-41 MT +	
Faridabad	Amritsar	Cluster 14	426	2	25	60	720	21-41 MT +	
Faridabad	Bahadurgarh	Cluster 14	45	1	25	40	480	21-41 MT +	
Faridabad	Bawal	Cluster 14	81	1	40	80	500	21-41 MT +	
Faridabad	Bhiwadi	Cluster 14	51	1	25	80	960	21-41 MT +	
Faridabad	Delhi	Cluster 14	25	1	25	280	3360	21-41 MT +	
Faridabad	Dera Bassi	Cluster 14	245	1	25	25	300	21-41 MT +	
Faridabad	Faridabad Local upto 40 Kms	Cluster 14	40	1	25	250	3000	21-41 MT +	
Faridabad	Ghatbilod	Cluster 14	665	2	25	80	960	21-41 MT +	
Faridabad	Ghaziabad	Cluster 14	30	1	25	200	2400	21-41 MT +	
Faridabad	Gurgaon	Cluster 14	26	1	25	120	1440	21-41 MT +	
Faridabad	Hapur	Cluster 14	58	1	25	80	960	21-41 MT +	
Faridabad	Hissar	Cluster 14	96	1	25	80	960	21-41 MT +	
Faridabad	Hoshiarpur	Cluster 14	371	2	25	40	480	21-41 MT +	
Faridabad	Indore	Cluster 14	649	2	25	80	960	21-41 MT +	
Faridabad	Jagadhari (Yamunanagar)	Cluster 14	183	1	25	200	2400	21-41 MT +	
Faridabad	Jaipur	Cluster 14	223	1	25	165	1980	21-41 MT +	
Faridabad	Jalandhar	Cluster 14	364	2	25	160	1920	21-41 MT +	
Faridabad	Kala amb	Cluster 14	270	1	25	50	600	21-41 MT +	
Faridabad	Kanpur	Cluster 14	361	2	25	40	480	21-41 MT +	
Faridabad	Kosi (Mathura)	Cluster 14	110	1	25	80	960	21-41 MT +	
Faridabad	Ludhiana	Cluster 14	311	1	25	210	2520	21-41 MT +	
Faridabad	Mandi Govindgarh	Cluster 14	112	1	25	40	480	21-41 MT +	
Faridabad	Meerut	Cluster 14	73	1	25	40	480	21-41 MT +	
Faridabad	MODINAGAR	Cluster 14	52	1	25	40	480	21-41 MT +	
Faridabad	Noida & Greater Noida	Cluster 14	20	1	25	25	300	21-41 MT +	
Faridabad	Palwal	Cluster 14	29	1	25	50	600	21-41 MT +	
Faridabad	Pitampur	Cluster 14	665	2	25	40	480	21-41 MT +	
Faridabad	Roorkee	Cluster 14	170	1	25	25	300	21-41 MT +	
Faridabad	Rudrapur	Cluster 14	213	1	40	80	500	21-41 MT +	
Faridabad	Sikanderabad	Cluster 14	38	1	25	260	3120	21-41 MT +	
Faridabad	Sonapat	Cluster 14	70	1	25	60	720	21-41 MT +	
Faridabad	Surajpur, HP	Cluster 14	281	1	25	50	600	21-41 MT +	
Jamshedpur	Adityapur (Tata Steel Tubes (BMW),Jharkhand	Cluster 15	6	1	25	150	1800	21-41 MT +	
Jamshedpur	Bansal Utkarsh Ltd Jangalpur	Cluster 15	261	1	30	200	2400	21-41 MT +	
Jamshedpur	Bikihakola, Kolkata(Kamala Metachem)	Cluster 15	252	1	50	250	3000	21-41 MT +	
Jamshedpur	Bistupur (Tata Steel CRM),Jharkhand	Cluster 15	4	1	25	600	7200	21-41 MT +	
Jamshedpur	Bokaro Steel,Jharkhand	Cluster 15	133	1	25	400	4800	21-41 MT +	
Jamshedpur	Bokaro Steel,Jharkhand	Cluster 15	133	1	50	40	100	21-41 MT +	
Jamshedpur	Dhenkana (Tata Angul),Odisha	Cluster 15	320	1	25	200	2400	21-41 MT +	
Jamshedpur	Gamharia (BMW),Jharkhand	Cluster 15	12	1	25	500	6000	21-41 MT +	
Jamshedpur	Goalpara (Eveready Industries),Assam	Cluster 15	985	3	25	80	960	21-41 MT +	
Jamshedpur	Govindpur ,Tata Tubes (Shiv Shambhu),Jharkhand	Cluster 15	140	1	25	30	360	21-41 MT +	
Jamshedpur	Gurap (Utkarsh India),West Bengal	Cluster 15	320	1	25	120	1440	21-41 MT +	
Jamshedpur	Haldia (Manaksia Steels),West Bengal	Cluster 15	266	1	25	25	300	21-41 MT +	
Jamshedpur	Indranagar (Tata Wires ISWP),Jharkhand	Cluster 15	6	1	25	80	960	21-41 MT +	

Secondary (Depot) Finished Goods Transportations									
From, (Destinations)	To, (Destinations)	Cluster	Distance (Kms)	Transit Days	Indicative Daily Quantity (M ³)	Indicative Monthly Quantity (Mt) Variance (+/-20%)	Indicative Annual Quantity (Mt) Variance (+/-20%)	Freight Rate (Rs./Mt) for 21 Mt-41 Mt	Freight Rate (Rs./Mt) for 21 Mt-41 Mt
Jamshedpur	Jamshedpur (Tata tube/division/bluescope),Jharkhand	Cluster 15	2	1	25	400	4800	21-41 MT +	
Jamshedpur	Jangalpur – Jindal Ind./Skipper/Utkarsh	Cluster 15	261	1	50	300	3000	21-41 MT +	
Jamshedpur	Jangalpur (Jindal India),West Bengal	Cluster 15	260	1	25	100	1200	21-41 MT +	
Jamshedpur	Ranchi	Cluster 15	130	1	25	30	360	21-41 MT +	
Jamshedpur	Ranihati (Jindal India),West Bengal	Cluster 15	252	1	25	100	1200	21-41 MT +	
Jamshedpur	Rourkela (Others),Odisha	Cluster 15	227	1	25	20	240	21-41 MT +	
Jamshedpur	SAIL Bokaro	Cluster 15	314	1	50	40	100	21-41 MT +	
Jamshedpur	Sambalpur (BPSL),Odisha	Cluster 15	410	2	40	1100	13200	21-41 MT +	
Jamshedpur	Sundergarh (Reliable Sponge),Odisha	Cluster 15	314	1	25	150	1500	21-41 MT +	
Jamshedpur	Sundergarh (SAIL Rourkela),Odisha	Cluster 15	314	1	25	400	4800	21-41 MT +	
Jamshedpur	Taratata (Eveready Industries),West Bengal	Cluster 15	281	1	25	40	480	21-41 MT +	
Jamshedpur	Tatisilwai (Usha Martin),Jharkhand	Cluster 15	129	1	30	60	720	21-41 MT +	
Kolkata	Amta(Howrah)	Cluster 16	45	1	25	50	720	21-41 MT +	
Kolkata	Angul	Cluster 16	524	2	50	25	300	21-41 MT +	
Kolkata	Bagan, Ratan	Cluster 16	32	1	25	50	500	21-41 MT +	
Kolkata	Bansal Utkarsh Ltd. Jangalpur	Cluster 16	22	1	40	500	6000	21-41 MT +	
Kolkata	Belur JG Chem (P) Ltd.	Cluster 16	93	1	25	25	300	21-41 MT +	
Kolkata	Bhubneshwar(Khurda)	Cluster 16	463	2	25	25	300	21-41 MT +	
Kolkata	Bikihakola(Kamala Metachem)	Cluster 16	10	1	25	300	3600	21-41 MT +	
Kolkata	Bokaro	Cluster 16	310	1	25	50	600	21-41 MT +	
Kolkata	Bondel Rd.	Cluster 16	8	1	50	100	1200	21-41 MT +	
Kolkata	Byrnihat(Meghalaya)	Cluster 16	1047	3	30	30	360	21-41 MT +	
Kolkata	Century Aluminium - Sukhachar	Cluster 16	18	1	50	50	600	21-41 MT +	
Kolkata	Cuttack	Cluster 16	420	2	25	25	300	21-41 MT +	
Kolkata	Dhanbad	Cluster 16	277	1	25	50	600	21-41 MT +	
Kolkata	Dhaniakhali	Cluster 16	61	1	30	30	360	21-41 MT +	
Kolkata	Domjur -- JG Chem (P) Ltd.	Cluster 16	24	1	25	25	300	21-41 MT +	
Kolkata	Gangarampur	Cluster 16	400	2	25	25	300	21-41 MT +	
Kolkata	Ghusri – Jindal Ind.	Cluster 16	10	1	50	100	1200	21-41 MT +	
Kolkata	Govindpur ,Tata Tubes (Shiv Shambhu),Jharkhand	Cluster 16	261	1	25	50	600	21-41 MT +	
Kolkata	Guwahati	Cluster 16	1026	3	25	50	600	21-41 MT +	
Kolkata	Haldia - Exide /Manaksia	Cluster 16	118	1	50	500	6000	21-41 MT +	
Kolkata	Indranagar (Tata Wires ISWP),Jharkhand	Cluster 16	253	1	25	50	600	21-41 MT +	
Kolkata	Jamshedpur	Cluster 16	276	1	50	250	3000	21-41 MT +	
Kolkata	Jangalpur – Jindal Ind./Skipper/Utkarsh	Cluster 16	22	1	100	1000	12000	21-41 MT +	
Kolkata	Jharsuguda	Cluster 16	632	2	50	200	800	21-41 MT +	
Kolkata	Kolkatta – Eveready (Transport Depot Road)	Cluster 16	12	1	25	100	1200	21-41 MT +	
Kolkata	Kolkatta – Navraj Ent. (Shalimar)	Cluster 16	10	1	40	200	2400	21-41 MT +	
Kolkata	Kolkatta – Raj Finoxides, Dankuni	Cluster 16	21	1	25	30	400	21-41 MT +	
Kolkata	Kolkatta – Waldies, Konnagar	Cluster 16	25	1	100	85	1000	21-41 MT +	
Kolkata	Kolkatta–Hind Commercial (Manicktalla)	Cluster 16	6	1	25	200	2400	21-41 MT +	
Kolkata	Matua (Gaya, Bihar)	Cluster 16	654	2	25	25	300	21-41 MT +	
Kolkata	Mayurbhanj, Orissa	Cluster 16	243	1	30	30	360	21-41 MT +	
Kolkata	Nampa Steel - Kona	Cluster 16	23	1	150	50	600	21-41 MT +	
Kolkata	NH2 Delhi Road – Bhushan Steel	Cluster 16	30	1	50	400	5000	21-41 MT +	
Kolkata	Patna	Cluster 16	582	2	30	30	360	21-41 MT +	
Kolkata	Ranchi	Cluster 16	406	2	50	70	800	21-41 MT +	
Kolkata	Rourkela	Cluster 16	493	2	25	50	720	21-41 MT +	
Kolkata	Shalimar	Cluster 16	10	1	30	30	360	21-41 MT +	
Kolkata	Shyamnagar	Cluster 16	36	1	50	1100	13000	21-41 MT +	
Kolkata	Siliguri	Cluster 16	557	2	30	30	360	21-41 MT +	
Kolkata	Sundergarh (Reliable Sponge),Odisha	Cluster 16	581	2	25	50	600	21-41 MT +	
Kolkata	Sundergarh (SAIL Rourkela),Odisha	Cluster 16	581	2	25	150	1500	21-41 MT +	
Kolkata	Tamradhatu - Dhulagarh	Cluster 16	34	1	50	100	1200	21-41 MT +	
Kolkata	Tatisilwai (Usha Martin),Jharkhand	Cluster 16	379	2	30	60	300	21-41 MT +	
Kolkata	Uluberia	Cluster 16	43	1	50	250	3000	21-41 MT +	

Secondary (Depot) Finished Goods Transportations									
From, (Destinations)	To, (Destinations)	Cluster	Distance (Kms)	Transit Days	Indicative Daily Quantity (M ³)	Indicative Monthly Quantity (Mt) Variance (+/-20%)	Indicative Annual Quantity (Mt) Variance (+/-20%)	Freight Rate (Rs./Mt) for 21 Mt-41 Mt	Freight Rate (Rs./Mt) for 21 Mt-41 Mt
Panvel	Ahemdabad	Cluster 17	562	2	25	50	600	21-41 MT +	
Panvel	Ahmednagar	Cluster 17	223	1	40	80	500	21-41 MT +	
Panvel	Alandi	Cluster 17	111	1	25	100	1200	21-41 MT +	
Panvel	Ambemath	Cluster 17	33	1	25	40	480	21-41 MT +	
Panvel	Baroda	Cluster 17	440	2	25	100	1200	21-41 MT +	
Panvel	Bhandara	Cluster 17	850	3	25	80	960	21-41 MT +	
Panvel	Bhivandi	Cluster 17	42	1	25	200	2400	21-41 MT +	
Panvel	Bhiwandi(Mumbai)	Cluster 17	46	1	25	300	3600	21-41 MT +	
Panvel	Chakan	Cluster 17	109	1	25	200	2400	21-41 MT +	
Panvel	Chinchwad	Cluster 17	101	1	40	80	500	21-41 MT +	
Panvel	Daman	Cluster 17	190	1	25	100	1200	21-41 MT +	
Panvel	Deoli	Cluster 17	715	3	25	120	1440	21-41 MT +	
Panvel	Deoli, Chalisgaon	Cluster 17	325	1	25	80	960	21-41 MT +	
Panvel	Indapur	Cluster 17	255	1	25	50	600	21-41 MT +	
Panvel	Jejuri	Cluster 17	166	1	25	80	960	21-41 MT +	
Panvel	Kalmeshwar	Cluster 17	802	3	25	600	7200	21-41 MT +	
Panvel	Khopoli	Cluster 17	38	1	25	600	7200	21-41 MT +	
Panvel	Mangaon POSCO (402308)	Cluster 17	101	1	25	100	1200	21-41 MT +	
Panvel	Mundwa	Cluster 17	123	1	25	40	480	21-41 MT +	
Panvel	Murbad	Cluster 17	65	1	25	100	1200	21-41 MT +	
Panvel	Nagpur	Cluster 17	813	3	25	80	960	21-41 MT +	
Panvel	Nasik	Cluster 17	172	1	25	50	600	21-41 MT +	
Panvel	Pune	Cluster 17	115	1	25	80	960	21-41 MT +	
Panvel	Raipur	Cluster 17	1100	4	25	80	960	21-41 MT +	
Panvel	Rajkot	Cluster 17	726	3	25	50	600	21-41 MT +	
Panvel	Ranjangaon	Cluster 17	154	1	25	25	300	21-41 MT +	
Panvel	Sanaswadi	Cluster 17	144	1	25	25	300	21-41 MT +	
Panvel	Satara	Cluster 17	223	1	25	100	1200	21-41 MT +	
Panvel	Silvassa	Cluster 17	187	1	25	50	600	21-41 MT +	
Panvel	Surat	Cluster 17	303	1	40	25	300	21-41 MT +	
Panvel	Taloja	Cluster 17	12	1	25	100	1200	21-41 MT +	
Panvel	Tarapur	Cluster 17	142	1	25	700	8400	21-41 MT +	
Panvel	Torangalu (Bellary)	Cluster 17	780	3	25	250	3000	21-41 MT +	
Panvel	Valsad	Cluster 17	214	1	25	100	1200	21-41 MT +	
Panvel	Vasind	Cluster 17	75	1	25	1000	12000	21-41 MT +	
Panvel	Wardha	Cluster 17	727	3	25	80	960	21-41 MT +	

PL DO NOT CHANGE THE SEQUENCE OF DESTINATIONS MENTIONED ABOVE FROM PLANT AND DEPOTS

ANNEXURE: “E”

VEHICLE & DRIVING STANDARD

No-Go Criteria for commercial vehicle & driver and penalty provisions for violations					
S. N.	Risk Category	Section	No - Go criteria for vehicle	Action Plan	Penalty Value (Rs.)
1	High	Tyre	Tyre of all wheels including third axle should be in good condition with Wheel changing Tool Kit (Tyre should have depth of minimum 1.5mm)	Apart from penalty, vehicle will also be rejected at dispatching and receiving plants and cannot be allowed till necessary rectifications are made.	5,000/-
2		Third Axle	Empty truck can have 3rd axle up but loaded must have 3rd axle down		
3		Hand Brake	Hand brake in working condition		
4		Head Lights	Both head lights should be in working condition (Dipper and High beam both)		
5		Horn (Front and Reverse)	Audible Horn for front and reverse		
6		Fire Extinguisher	Dedicated 4kg (ISI mark) fire extinguisher & extinguisher should not be empty, pressure should be proper.		
7		EIP/Hazchem	Three side pasting of EIP (Emergency Information Panel) over Acid tanker, chemical, petroleum & hazardous vehicles		
8		TREM Card and MSDS	Chemical and hazardous vehicle should have TREM Card (Transport Emergency) & MSDS (Material Safety Data Sheet).		
9		Spark Arrester	Any vehicle entering hydrocarbon area and carrying flammable material must have spark arrester as per government norms		
10	Low	Under Run Protection (SUPD & RUPD)	Side under run and Rear under run protection must be available	Apart from penalty, vehicle will also be rejected at dispatching and receiving plants and cannot be allowed till necessary rectifications are made.	6,000/-
11		Seat belt	3-point contact Seat belts for driver seat and helper should be available.		
12		Wheel Stoppers	Use of wheel stoppers (with handle) by driver to avoid any line of fire incident and should be applied when vehicle is standing idle(plant premises including parking area).	Warning letter to be issued to the Driver if vehicles is parked without wheel stopper	
13		Over speeding	Over speeding in Plant premises beyond the allowed speed limit	Warning letter to be issued to the Driver for overspeeding	5,000/-
14		Chassis	Inspection of chassis in respect to fitness	Vehicle to be blocked & penalty should also be imposed	10,000/-
15		Vehicle Key	Ignition key should not be kept in parked vehicle	Vehicle to be blocked for "one day" & penalty should also be imposed	5,000/-
16		Side Mirrors	Driver & passenger side mirrors	Apart from penalty, vehicle will be allowed as one time inside plants and cannot be allowed again till necessary rectifications are made.	2,000/-
17	Low	First Aid	First Aid kit with all contents with validity		
18		Retro Reflective Tape 3M	For easy identification at night		
19		Side indicators and other sport lights	Rear, brake light, Fog lamps and side indicator lights should be in working condition.		
20		Wiper	Wiper at both sides and should be in working condition		
21		Vehicle Marker (Warning Triangle)	Vehicle should have two warning triangles for use in emergency		

Penalty will be only one, either Rs.10,000/- or Rs.6,000/- or Rs. 5,000/ or Rs.2,000/- whichever is highest

S. N.	Risk Category	Section	No - Go criteria for Driver	Action Plan	Penalty Value (Rs.)
1	High	Medical Fitness of driver	Correct and original Medical certification from Registered General Physician & Eye Surgeon.Valid certificate to be uploaded in TMS portal (as per the format circulated by HZL).	Reject and should not be allowed till necessary compliance, along with this penalty also will be imposed.	6,000/-
2		VDSS Induction training	Driver should be trained in VDSS induction training as per available content on portal and he should be aware about vehicle & driving safety.		
3		Haz Chem training	Driver must have endorsed for Hazardous chemical handling by driving licence issuing authority on their driving licence		
4		Improper PPE	Driver should wear proper PPE's (Safety Helmet-Orange,High ankle Safety Shoes & Reflective jacket) and keep additional as per site requirement	Impose penalty and to be allowed only with required PPE's	6,000/-
5		Smoking inside plant	Driver is not allowed to smoke inside the plant.	Penalty to be imposed	
6		Under influence of alcohol and mind altering drugs	Driver under the influence of drugs or alcohol and carrying of drugs/alcohol/Doda Chura in the premises	Penalty & Blocked in system	Penalty of Rs 25,000/- on respective transporter and Driver Blocked for one month
7		Unregistered Driver	Driver found un-registered, un-assigned with the vehicle or with fake D/L during checking	Incident to be investigated by Security & Logistics	1. If driver is not registered in TMS then penalty will be Rs. 10000/- 2. If driver is registered in TMS and transporter forgot to change the driver in TMS then penalty will be Rs. 5000/- 3. if the driver is not having valid D/L then penalty will be Rs. 25000/-
8		Mobile phone use by Driver	Usage of mobile phone Strictly prohibited in HZL premises while walking/prohibited areas	Impose penalty and driver to be blocked for three days	6,000/-
9		Driver/helper sleeping under the parked vehicle	Sleeping under the parked vehicle is strictly prohibited	Impose penalty and driver to be blocked for seven days	25,000/-
10		Use of Seat belt	driver must wear seat belt while driving	Impose penalty and driver to be blocked for three days	5,000/-

			Vehicle Breakdown		
Penalty of Vehicle Tyre burst/Breakdown-Broken Dala Rod/Hook (pin)/Hydraulic cylinders/Pump/oil leakage/Floor Damage etc Inside the plant Including Parking area					
Sl. No.	Risk Category	Exception Area	Description of exception	Action Plan	Penalty Value (Rs.)
1	High	In - plant	Vehicle Tyre burst*/Breakdown-Broken Dala Rod/Hook (pin)/Hydraulic cylinders/Pump/oil leakage/Floor Damage etc Inside the plant Including Parking area (any mechanical failure in engine or vehicle not starting or tyre puncture will not attract any penalty but vehicle should be removed from the plant within 24 hrs).	Penalty & Blocked in system till rectification is done	Immediate Penalty Rs 2,500 will be imposed in case of breakdown/ tyre burst of vehicle in Parking or Inside the Plant premises , Post 24 hours from issuance of mechanic gate pass (if Vehicle not repaired) penalty INR 5,000/- per day will be imposed,in addition to Rs 2,500.
Penalty on Vehicle Tyre burst will be applicable only if Tyre is in bad condition and no penalty if new tyre burst.					
			Acid Tanker		
In case of any deviations in respect to acid tankers ,Penalty will be imposed on the transporter as mentioned below:					
Sl. No.	Risk Category		Description of exception	Action plan	Penalty Value (Rs.)
1	High		Acid leakage from tanker	Penalty & Blocked in system till rectification is done as per the standards	Rs 20,000/- + respective transporter will bear the expenditure incurred by HZL to neutralize acid leakage inside or outside the plant premises + respective transporter will also be liable for consequential expenses arising out of any unfortunate incident
2	High		Mismatch between specification mentioned in 3rd party issued certificate (Presently SGS) and actual status of acid tanker inspected in HZL premises		
			Bulkers		
In case of any deviations in respect to Calcin bulker, Lime bulker, Fly Ash bulker & Cement bulker , Penalty will be imposed on the transporter as mentioned below:					
Sl. No.	Risk Category		Description of exception	Action plan	Penalty Value (Rs.)
1	High		Valid Fitness Certificate for pressure Vessels (Hydrostatic test)from Govt certified Engineer (Competent person) certificate is valid for 2 years. Pressure vessel safety valve certificate as per Factory act 1948 under section 31, by govt certified engineer (Competent person).	Penalty & Blocked in system till rectification is done as per the standards	10,000/-
			Vehicle Maintenance		
In case of any deviations in respect to preventive maintenance , Penalty will be imposed on the transporter as mentioned below:					
Sl. No.	Risk Category		Description of exception	Action plan	Penalty Value (Rs.)
1	High		A formal inspection and preventive maintenance system must be in place to ensure that vehicles are maintained in a safe and road worthy condition.	Penalty & Blocked in system if respective transporter fails to provide documents pertaining to structured maintenance schedule.	5,000/-

Work at Height (Unsafe Act)				
In case of any deviations in respect to work at height (Unsafe Act) , Permit to work, Violation will attract penalty as mentioned below:				
Sl. No.	Risk Category	Description of exception	Action plan	Penalty Value (Rs.)
1	High	Work at height - Driver and maintenance team of transporters strictly prohibited to work at height inside plant premises including parking area and Railway siding . Work at height violation is applicable for working without safety harness and proper anchoring with life line above 1.8 Mtrs. If it is a requirement by team maintenance of transporter to work at height , it is to be done by proper permit to work procedure.	Penalty & driver to be blocked in system for one week.	6,000/-
Property Damage by Vehicle				
In case of any damages of HZL Assets inside the plant including Parking area, Recovery will be imposed on the transporter/Vendor as mentioned below:				
Sl. No.	Risk Category	Description of exception	Action plan	Recovery
1	High	Any damages to property of HZL assets by transporter vehicle in HZL premises including Parking area.	Recovery against damages to be borne by respective transporter/Vendor."Driver to be blocked for one week".	Rs.15000/- penalty and cost of actual damage as assessed by the user's department.
Hydraulic Cylinder Jacks				
Hydraulic cylinder jacks in Concentrate dumpers as per the Specifications (Standard hydraulic cylinder jack mounting, Cylinder bracket is attached at bottom of dumper) of HYVA or WIPRO make				
Sl. No.	Risk Category	Description of exception	Action plan	Penalty Value (Rs.)
1	High	Non-standard hydraulic cylinder jacks (Cylinder bracket is attached at Top of dumper body) in concentrate dumpers- Not Accepted	Penalty & Blocked in system till rectification is done as per the standards and time line allowed	20,000/-
2	High	Toppling of dumper	Penalty & Blocked in system till rectification is done.	Rs 50,000/- + respective transporter will also be liable for consequential expenses arising out of any unfortunate incident

Annexure For Drivers Medical Fitness Certificate – (Valid for 6 Months)

MEDICAL FITNESS CERTIFICATE FOR DRIVERS

(To be filled by a registered medical practitioner)

- ❖ Name of the Applicant : _____
- ❖ Name of the Applicant's Father : _____
- ❖ Age of the Applicant in years : _____
- ❖ Sex: Male / Female
- ❖ Address : _____

- ❖ Is the applicant ,to the best of your judgement, subject to Epilepsy, Vertigo ,or any other ailment or likely to affect his efficiency: _____
- ❖ Does the applicant suffer from any Heart or Lung Disorder which might interfere with the performance of his duties as a Driver : _____
- ❖ B.P : Systolic _____ Diastolic _____ mm/ Hg
- ❖ CVS : _____
- ❖ Respiratory System : _____
- ❖ Is there any defect of Vision : _____
- ❖ (i) Visual Acuity for Both eyes: _____
- ❖ Visual acuity (with or without glasses/contact lense /IOL/ Implantable contact lense)

Distant Vision

Near Vision

Better Eye

Worse Eye

Better Eye

Worse Eye

(ii) Fundus

- (i) Any progressive pathological condition
- (ii) Vitreous or Chorio- retinitis
- (iii) Any Retinal disease in Diabetes, Hypertension, Atherosclerosis
- (iv) Corrected Myopia (including the cylinder) exceeding (-) 6D and Hypermetropia (+) 4D in each eye up to 35 years of age.
- (v) Corrected Myopia (including the cylinder) exceeding (-) 6D and Hypermetropia (+) 6D in each eye beyond 35 years of age.

(iii) Colour Blindness:

(iv) Night Blindness :

(v) Presence of Squint ;.

(vi) Glaucoma

- ❖ Has the applicant possess any deformity or lost any of his limb which would interfere with the efficient Performance of his duties as a driver : _____
- ❖ Does he show any evidence of being addicted to the excessive use of an Alcohol, Tobacco, or Drugs : _____
- ❖ Is he in your opinion generally fit as regards
(a) Bodily Health _____ and (b) Eyesight _____
- ❖ Identification Marks : _____

In addition to the above questionnaire, I certify that to the best of my knowledge and belief the applicant is FIT / UNFIT to be employed as a Driver.

Name of the Medical Officer: _____

Designation: _____

Medical Registration No: _____ : State of Registration /MCI _____

MEDICAL OFFICER
(Signature and Seal of Doctor)