

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/22-23/01

Date: 27.04.2022

LAST DATE OF SUBMISSION: 4th May 2022

M/s _____

Dear Sir (s),

1. Sealed tenders are invited for the Transportation of Finished Goods on FOR/Ex Works basis for period from 16th May'2022 to 31st May'2023 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/CLZS/CONT/FG/22-23/01 to be mailed by closing hours of 4th May 2022.
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 16th May, 2022 to 31st May, 2023.
 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 March 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 kms 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 : _____

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)

	2019-20	2020-21	2021-22 (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	HYDERABAD	Hindustan Zinc Ltd.
		C/o NSIC, Survey No.61/Part Shed No.II,
		Kompally Village, Qutubullapur,
		Medchal, RR District, HYDERABAD - 500014
5	CHENNAI	C/o NSIC NAFED Warehousing Complex,
		CMDA Truck Terminal, Ponnammanmedu,
		P.O. Madhavaram, CHENNAI
6	VADODARA	Hindustan Zinc Ltd.
		C/o, NSIC LTD.,Godown No. 1C
		Karachiya, Nr. Ranoli Flyover Bridge,
		Ranoli,Vadodar 391 350
7	NAGPUR	Hindustan Zinc Ltd.
		C/o NSIC, B-3, DMO MARKFED, MIDC,
		HINGANA, NAGPUR (Mh.)
8	PANVEL	HINDUSTAN ZINC LTD
		C/O NSIC, Plot No: 157/158,
		At Post Nadhal, Taluka: Khalapur, Dist: Raigad
9	RAIPUR	HINDUSTAN ZINC LTD RAIPUR DEPOT
		C/O NSIC GRAM TEKARI, NEAR NEW RAILWAY
		OVERBRIDGE, DHANELI RING ROAD NO.3
		BESIDE VIDHANSABHA ROAD RAIPUR (CHATTISGARH) -493111

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	Drivers'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”

Primary Finished Goods Transportations								
From, (Destinations)	To, (Destinations)	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 N)	Freight Rate for 35 Mt-41 Mt
Chanderiya	Ahmedabad	350	1	40	525	6300	35-40 Mt +	
Chanderiya	Ahmednagar	837	3	40	210	2520	35-40 Mt +	
Chanderiya	Alandi, Pune	850	3	40	840	10080	35-40 Mt +	
Chanderiya	Aligarh- Up	587	2	40	28	336	35-40 Mt +	
Chanderiya	Alwar	450	2	40	18	210	35-40 Mt +	
Chanderiya	Ambernath	853	3	40	70	840	35-40 Mt +	
Chanderiya	Amritsar	900	3	40	21	252	35-40 Mt +	
Chanderiya	Anjar	668	2	40	868	10416	35-40 Mt +	
Chanderiya	Baddi, Hp	851	3	40	140	1680	35-40 Mt +	
Chanderiya	Bahadurgarh	605	2	40	140	1680	35-40 Mt +	
Chanderiya	Baroda	455	2	80	833	9996	35-40 Mt +	
Chanderiya	Bawal	505	2	80	210	2520	35-40 Mt +	
Chanderiya	Bellary	1450	5	40	56	672	35-40 Mt +	
Chanderiya	Bhiwadi	520	2	80	1456	17472	35-40 Mt +	
Chanderiya	Bokaro	1420	5	40	56	672	35-40 Mt +	
Chanderiya	Chakan	846	3	40	350	4200	35-40 Mt +	
Chanderiya	Chinchwad (Mh)	850	3	40	280	3360	35-40 Mt +	
Chanderiya	Daman	773	3	40	35	420	35-40 Mt +	
Chanderiya	Delhi	560	2	40	280	3360	35-40 Mt +	
Chanderiya	Deoli	777	3	40	210	2520	35-40 Mt +	
Chanderiya	Derabassi	826	3	40	28	336	35-40 Mt +	
Chanderiya	Erode	2010	6	40	56	672	35-40 Mt +	
Chanderiya	Faridabad	603	2	200	1806	21672	35-40 Mt +	
Chanderiya	Gandhinagar	357	2	40	140	1680	35-40 Mt +	
Chanderiya	Garget (Una-Hp)	939	3	40	56	672	35-40 Mt +	
Chanderiya	Ghatabilod	370	2	40	28	336	35-40 Mt +	
Chanderiya	Ghaziabad	610	2	40	168	2016	35-40 Mt +	
Chanderiya	Gurgaon , Haryana	528	2	40	28	336	35-40 Mt +	
Chanderiya	Guwahati, Assam	2172	7	40	56	672	35-40 Mt +	
Chanderiya	Haldia	1882	6	40	350	4200	35-40 Mt +	
Chanderiya	Halol	428	2	100	2100	25200	35-40 Mt +	
Chanderiya	Haridwar	770	3	40	28	336	35-40 Mt +	
Chanderiya	Hathras	465	2	40	56	672	35-40 Mt +	
Chanderiya	Hazira	627	2	40	140	1680	35-40 Mt +	
Chanderiya	Hissar	663	2	40	189	2268	35-40 Mt +	
Chanderiya	Indapur	927	3	80	1120	13440	35-40 Mt +	
Chanderiya	Indore	370	2	40	56	672	35-40 Mt +	
Chanderiya	Jabalpur	855	3	40	140	1680	35-40 Mt +	
Chanderiya	Jagadhari(Yamunana)	767	3	40	560	6720	35-40 Mt +	
Chanderiya	Jaipur	333	1	40	543	6510	35-40 Mt +	
Chanderiya	Jammu	1181	4	40	210	2520	35-40 Mt +	
Chanderiya	Jamnagar	707	3	40	140	1680	35-40 Mt +	
Chanderiya	Jamshedpur (24 Mt)	1670	5	80	210	2520	35-40 Mt +	
Chanderiya	Jharsuguda	1425	5	80	280	3360	35-40 Mt +	
Chanderiya	Jnpt	955	3	500	9590	115080	35-40 Mt +	
Chanderiya	Kalameshwar - Mah.	780	3	40	350	4200	35-40 Mt +	
Chanderiya	Kale Amb, Hp	974	3	40	18	210	35-40 Mt +	
Chanderiya	Karjgaon(Transpak)	773	3	300	1120	13440	35-40 Mt +	

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Chanderiya	Khapoli	971	3	80	630	7560	35-40 Mt +	
Chanderiya	Kolkatta & Howrah	1830	6	120	2111	25326	35-40 Mt +	
Chanderiya	Kosi Kolan (Up)	616	2	40	28	336	35-40 Mt +	
Chanderiya	Ludhiana	850	3	40	490	5880	35-40 Mt +	
Chanderiya	Malanpur, Mp	549	2	40	56	672	35-40 Mt +	
Chanderiya	Mandi Govindgarh	881	3	40	28	336	35-40 Mt +	
Chanderiya	Meerut	640	2	40	28	336	35-40 Mt +	
Chanderiya	Mehsana	384	2	40	28	336	35-40 Mt +	
Chanderiya	Mumbai/ Bhiwandi	834	3	400	630	7560	35-40 Mt +	
Chanderiya	Mundra	724	3	500	5376	64512	35-40 Mt +	
Chanderiya	Mundwa	883	3	40	70	840	35-40 Mt +	
Chanderiya	Murbad	823	3	40	151	1814.4	35-40 Mt +	
Chanderiya	Nadiad	384	2	40	35	420	35-40 Mt +	
Chanderiya	Nagda	217	1	40	35	420	35-40 Mt +	
Chanderiya	Nagpur, Butibori & V	836	3	50	1050	12600	35-40 Mt +	
Chanderiya	Nanded	896	3	40	140	1680	35-40 Mt +	
Chanderiya	Nardana	518	2	40	56	672	35-40 Mt +	
Chanderiya	Nasik	725	3	40	56	672	35-40 Mt +	
Chanderiya	Noida	610	2	40	88	1050	35-40 Mt +	
Chanderiya	Palwal	603	2	40	56	672	35-40 Mt +	
Chanderiya	Panvel	859	3	300	1435	17220	35-40 Mt +	
Chanderiya	Patiala	760	3	40	28	336	35-40 Mt +	
Chanderiya	Pipavav	693	2	40	350	4200	35-40 Mt +	
Chanderiya	Pithampur (MP)	370	2	40	221	2646	35-40 Mt +	
Chanderiya	Pondicherry	2150	7	40	28	336	35-40 Mt +	
Chanderiya	Pune	987	3	120	231	2772	35-40 Mt +	
Chanderiya	Raipur	1100	4	40	763	9156	35-40 Mt +	
Chanderiya	Rajkot	594	2	40	70	840	35-40 Mt +	
Chanderiya	Rajnandgaon(Chatt	998	3	40	28	336	35-40 Mt +	
Chanderiya	Ranjangaon (Pune)	837	3	40	196	2352	35-40 Mt +	
Chanderiya	Rewari	520	2	40	210	2520	35-40 Mt +	
Chanderiya	Roorkee	740	3	40	18	210	35-40 Mt +	
Chanderiya	Rourkela	1594	5	40	56	672	35-40 Mt +	
Chanderiya	Sahibabad	577	2	40	266	3192	35-40 Mt +	
Chanderiya	Sanaswadi -Pune	865	3	80	840	10080	35-40 Mt +	
Chanderiya	Sarigam	790	3	40	140	1680	35-40 Mt +	
Chanderiya	Satara	975	3	40	56	672	35-40 Mt +	
Chanderiya	Shyamnagar, Wb	1781	6	200	140	1680	35-40 Mt +	
Chanderiya	Sikandarabad,Up	653	2	40	462	5544	35-40 Mt +	
Chanderiya	Silvassa	753	3	80	700	8400	35-40 Mt +	
Chanderiya	Sonipat	628	2	40	406	4872	35-40 Mt +	
Chanderiya	Tada	1918	6	40	28	336	35-40 Mt +	
Chanderiya	Taloja	865	3	113	2380	28560	35-40 Mt +	
Chanderiya	Tarapur	852	3	40	903	10836	35-40 Mt +	
Chanderiya	Umargaon	700	2	40	63	756	35-40 Mt +	
Chanderiya	Umred	834	3	40	98	1176	35-40 Mt +	
Chanderiya	Una	956	3	40	56	672	35-40 Mt +	
Chanderiya	Valsad	683	2	40	350	4200	35-40 Mt +	
Chanderiya	Vasind	907	3	200	1050	12600	35-40 Mt +	
Chanderiya	Vizianagaram	1582	5	40	140	1680	35-40 Mt +	

Primary Finished Goods Transportations								
From, (Destinations)	To, (Destinations)	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 M)	Freight Rate for 35 Mt-41 Mt
Chanderiya	Wardha	851	3	40	84	1008	35-40 Mt +	
Chanderiya	Chhatral	425	2	40	84	1008	35-40 Mt +	
Chanderiya	Hapur	665	2	40	56	672	35-40 Mt +	
Chanderiya	Junagarh, Gujarat	720	3	40	28	336	35-40 Mt +	
Chanderiya	Mandideep, MP	490	2	40	28	336	35-40 Mt +	
Chanderiya	Muzaffarnagar	710	3	40	28	336	35-40 Mt +	
Chanderiya	Nellore	1650	5	40	56	672	35-40 Mt +	
Chanderiya	Pantnagar (Rudrapur)	835	3	40	105	1260	35-40 Mt +	
Chanderiya	Jalandhar	904	3	40	336	4032	35-40 Mt +	
Chanderiya	Satna	766	3	40	28	336	35-40 Mt +	
Dariba	Ahmednagar	837	3	40	210	2520	35-40 Mt +	
Dariba	Bawal	505	2	40	175	2100	35-40 Mt +	
Dariba	Chinchwad	850	3	40	280	3360	35-40 Mt +	
Dariba	Faridabad	603	2	40	42	504	35-40 Mt +	
Dariba	Garget (Una-Hp)	939	3	40	56	672	35-40 Mt +	
Dariba	Haldia	1882	6	50	1050	12600	35-40 Mt +	
Dariba	JNPT	855	3	300	350	4200	35-40 Mt +	
Dariba	Mundra	621	2	300	560	6720	35-40 Mt +	
Dariba	Panvel	859	3	40	35	420	35-40 Mt +	
Dariba	Pune	987	3	200	210	2520	35-40 Mt +	
Dariba	Taloja	865	3	40	350	4200	35-40 Mt +	
Dariba	Baddi, HP	867	3	40	84	1008	35-40 Mt +	
Dariba	Pantnagar (Rudrapur)	890	3	40	140	1680	35-40 Mt +	
Dariba	Ranjangaon (Pune)	904	3	40	210	2520	35-40 Mt +	
Dariba	Shyamnagar, WB	1861	6	200	350	4200	35-40 Mt +	
Dariba	Vijayanagaram	1570	5	40	112	1344	35-40 Mt +	
Dariba	Pantnagar (Rudrapur)	890	3	40	112	1344	35-40 Mt +	
Dariba	JNPT	855	3	300	1400	16800	35-40 Mt +	
Dariba	Mumbai/Bhiwandi	914	3	200	350	4200	35-40 Mt +	
Debari	Ahmedabad	289	1	40	28	336	35-40 Mt +	
Debari	Ambarnath	851	3	40	84	1008	35-40 Mt +	
Debari	Amritsar	1000	3	40	21	252	35-40 Mt +	
Debari	Anjar	534	2	40	791	9492	35-40 Mt +	
Debari	Bahadurgarh	717	3	40	56	672	35-40 Mt +	
Debari	Baroda	346	1	80	70	840	35-40 Mt +	
Debari	Bhiwadi	631	2	40	56	672	35-40 Mt +	
Debari	Chennai	2090	6	40	105	1260	35-40 Mt +	
Debari	Delhi	670	2	40	56	672	35-40 Mt +	
Debari	Deoli	827	3	40	56	672	35-40 Mt +	
Debari	Derabassi	932	3	40	28	336	35-40 Mt +	
Debari	Faridabad	714	3	80	350	4200	35-40 Mt +	
Debari	Gandhinagar	289	1	50	1050	12600	35-40 Mt +	
Debari	Ghaziabad /Shahibajpur	731	3	40	112	1344	35-40 Mt +	
Debari	Hazira	516	2	40	770	9240	35-40 Mt +	
Debari	Hissar	764	3	40	28	336	35-40 Mt +	
Debari	Hyderabad	1422	5	40	84	1008	35-40 Mt +	
Debari	Jabalpur	1013	3	40	140	1680	35-40 Mt +	
Debari	Jaipur	410	2	40	18	210	35-40 Mt +	
Debari	Jalandhar	1013	3	40	28	336	35-40 Mt +	
Debari	Jammu	1260	4	40	18	210	35-40 Mt +	
Debari	Jamnagar	568	2	40	140	1680	35-40 Mt +	
Debari	Jamshedpur	1690	5	40	140	1680	35-40 Mt +	
Debari	Karajgaon (Transpak)	664	2	80	490	5880	35-40 Mt +	
Debari	Kolkata	1812	6	40	210	2520	35-40 Mt +	
Debari	Ludhiana	955	3	40	56	672	35-40 Mt +	
Debari	Malanpur	657	2	40	28	336	35-40 Mt +	
Debari	Mundra	570	2	40	28	336	35-40 Mt +	
Debari	Murbad	770	3	40	46	554.4	35-40 Mt +	

Primary Finished Goods Transportations								
From, (Destinations)	To, (Destinations)	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 M)	Freight Rate for 35 Mt-41 Mt
Debari	Nagpur, Butibori & V	923	3	40	490	5880	35-40 Mt +	
Debari	Noida	676	2	40	84	1008	35-40 Mt +	
Debari	Panvel	756	3	80	105	1260	35-40 Mt +	
Debari	Pitampur	471	2	40	56	672	35-40 Mt +	
Debari	Pune	690	2	40	28	336	35-40 Mt +	
Debari	Raipur	1205	4	40	238	2856	35-40 Mt +	
Debari	Sanaswadi	716	3	40	140	1680	35-40 Mt +	
Debari	Sikandarabad	764	3	40	210	2520	35-40 Mt +	
Debari	Silvassa	664	2	40	350	4200	35-40 Mt +	
Debari	Tarapur	742	3	40	140	1680	35-40 Mt +	
Debari	Umred	884	3	40	28	336	35-40 Mt +	
Debari	Valsad	619	2	40	245	2940	35-40 Mt +	
Debari	Wardha	901	3	40	140	1680	35-40 Mt +	
Debari	Chhatral	315	1	40	35	420	35-40 Mt +	
Debari	Indore	400	2	40	28	336	35-40 Mt +	
Debari	Kolar	1796	6	40	70	840	35-40 Mt +	
Debari	Kota	274	1	40	18	210	35-40 Mt +	
Debari	Mangaon	881	3	40	28	336	35-40 Mt +	
Debari	Medak	1267	4	40	46	554.4	35-40 Mt +	
Debari	Meerut	735	3	40	28	336	35-40 Mt +	
Debari	Aligarh	687	2	40	28	336	35-40 Mt +	
Pantnagar	Aligarh	242	1	40	28	336	35-40 Mt +	
Pantnagar	Alwar	410	2	40	18	210	35-40 Mt +	
Pantnagar	Angul	1365	4	40	210	2520	35-40 Mt +	
Pantnagar	Anjar	1343	4	40	56	672	35-40 Mt +	
Pantnagar	Bahadurgarh	278	1	40	56	672	35-40 Mt +	
Pantnagar	Baroda	1225	4	40	350	4200	35-40 Mt +	
Pantnagar	Bawal	379	2	300	455	5460	35-40 Mt +	
Pantnagar	Bhiwadi	338	1	40	175	2100	35-40 Mt +	
Pantnagar	Bokaro	1158	4	40	210	2520	35-40 Mt +	
Pantnagar	Delhi	251	1	40	77	924	35-40 Mt +	
Pantnagar	Deoli	1202	4	40	28	336	35-40 Mt +	
Pantnagar	Derabassi	392	2	40	28	336	35-40 Mt +	
Pantnagar	Faridabad	275	1	300	490	5880	35-40 Mt +	
Pantnagar	Ghandinagar	1173	4	40	56	672	35-40 Mt +	
Pantnagar	Ghatabilod	974	3	40	56	672	35-40 Mt +	
Pantnagar	Ghaziabad /Shahibaj	237	1	300	273	3276	35-40 Mt +	
Pantnagar	Guwahati	1596	5	40	210	2520	35-40 Mt +	
Pantnagar	Haldia	1433	5	40	210	2520	35-40 Mt +	
Pantnagar	Haridwar	205	1	40	56	672	35-40 Mt +	
Pantnagar	Hazira	1415	5	40	140	1680	35-40 Mt +	
Pantnagar	Hissar	415	2	40	98	1176	35-40 Mt +	

Primary Finished Goods Transportations								
From, (Destinations)	To, (Destinations)	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 M)	Freight Rate for 35 Mt-41 Mt
Pantnagar	Hooghly	1296	4	40	56	672	35-40 Mt +	
Pantnagar	Indore	911	3	40	28	336	35-40 Mt +	
Pantnagar	Jabalpur	790	3	40	56	672	35-40 Mt +	
Pantnagar	Jagadhari (Yamunan)	309	1	40	168	2016	35-40 Mt +	
Pantnagar	Jaipur	512	2	40	126	1512	35-40 Mt +	
Pantnagar	Jalandhar	564	2	40	158	1890	35-40 Mt +	
Pantnagar	Jamshedpur	1239	4	200	490	5880	35-40 Mt +	
Pantnagar	Jharsuguda	1175	4	200	350	4200	35-40 Mt +	
Pantnagar	Jnpt	1513	5	183	3850	46200	35-40 Mt +	
Pantnagar	Kale Ambe	350	1	40	18	210	35-40 Mt +	
Pantnagar	Kalmeshwar	1101	4	40	210	2520	35-40 Mt +	
Pantnagar	Kanpur	342	1	40	56	672	35-40 Mt +	
Pantnagar	Karjgaon (Transpak)	1500	5	40	140	1680	35-40 Mt +	
Pantnagar	Khapoli	1532	5	200	1400	16800	35-40 Mt +	
Pantnagar	Kolkatta & Howrah	1334	4	300	3150	37800	35-40 Mt +	
Pantnagar	Ludhiana	474	2	40	158	1890	35-40 Mt +	
Pantnagar	Malanpur	415	2	40	105	1260	35-40 Mt +	
Pantnagar	Mandi Govindgarh	426	2	40	28	336	35-40 Mt +	
Pantnagar	Mumbai/ Bhiwandi	1657	5	40	175	2100	35-40 Mt +	
Pantnagar	Mundra	1379	4	167	3500	42000	35-40 Mt +	
Pantnagar	Nagpur, Butibori & V	1053	4	50	1050	12600	35-40 Mt +	
Pantnagar	Noida	244	1	40	28	336	35-40 Mt +	
Pantnagar	Palwal	287	1	40	56	672	35-40 Mt +	
Pantnagar	Pantnagar(Local)	20	1	50	1050	12600	35-40 Mt +	
Pantnagar	Panvel	1664	5	500	490	5880	35-40 Mt +	
Pantnagar	Pipava	1503	5	40	700	8400	35-40 Mt +	
Pantnagar	Pitampur	938	3	40	56	672	35-40 Mt +	
Pantnagar	Pune(Alandi, Sanasv	1528	5	40	70	840	35-40 Mt +	
Pantnagar	Raipur	1115	4	50	1050	12600	35-40 Mt +	
Pantnagar	Ranchi	1075	4	40	140	1680	35-40 Mt +	
Pantnagar	Ranjangaon (Pune)	1651	5	40	56	672	35-40 Mt +	
Pantnagar	Rewari	338	1	40	280	3360	35-40 Mt +	
Pantnagar	Roorkee	236	1	40	18	210	35-40 Mt +	
Pantnagar	Shyamnagar	1327	4	80	140	1680	35-40 Mt +	
Pantnagar	Sikandarabad	226	1	40	130	1554	35-40 Mt +	
Pantnagar	Silvassa	1480	5	40	140	1680	35-40 Mt +	
Pantnagar	Sonipat	285	1	40	21	252	35-40 Mt +	
Pantnagar	Tarapur	1629	5	40	245	2940	35-40 Mt +	
Pantnagar	Umred	1161	4	40	28	336	35-40 Mt +	
Pantnagar	Valsad	1437	5	40	84	1008	35-40 Mt +	
Pantnagar	Vasind	1427	5	40	350	4200	35-40 Mt +	
Pantnagar	Dhanbad	1055	4	40	28	336	35-40 Mt +	
Pantnagar	Kosi Kalan	340	1	40	35	420	35-40 Mt +	
Pantnagar	Muzaffarnagar	221	1	40	35	420	35-40 Mt +	
Pantnagar	Akalgarh	530	2	40	18	210	35-40 Mt +	
Pantnagar	Kosi Kalan	340	1	40	28	336	35-40 Mt +	
Pantnagar	Meerut	220	1	40	28	336	35-40 Mt +	

Secondary (Depot) Finished Goods Transportations								
From (Destination)	To (Destination)	Distance (Kms)	Transit Days	Indicative Daily Quantity (Mt)	Indicative Monthly Quantity (Mt) Variance (+/-20%)	Indicative Annual Quantity (Mt) Variance (+/-20%)	Average Lorry Carrying Capacity (21 Mt-41 Mt)	Freight Rate for 21 Mt-41 Mt
Bangalore	Maddur	120	1	25	80	960	21-41 Mt+	
Bangalore	Malur	100	1	25	60	720	21-41 Mt+	
Bangalore	Davangere	242	1	25	60	720	21-41 Mt+	
Bangalore	Hosur	40	1	25	60	720	21-41 Mt+	
Bangalore	Hindupur, Anantpur	94	1	25	60	720	21-41 Mt+	
Baroda	Ahmedabad	98	1	25	50	600	21-41 Mt+	
Baroda	Anjar	335	1	25	80	960	21-41 Mt+	
Baroda	Baroda (Local)	25	1	25	60	720	21-41 Mt+	
Baroda	Bhuj	374	2	25	40	480	21-41 Mt+	
Baroda	Chhatral	131	1	25	25	300	21-41 Mt+	
Baroda	Daman	216	1	25	25	300	21-41 Mt+	
Baroda	Gandhidham	324	1	25	25	300	21-41 Mt+	
Baroda	Gandhinagar	115	1	25	40	480	21-41 Mt+	
Baroda	Halol	36	1	25	50	600	21-41 Mt+	
Baroda	Hazira	135	1	25	40	480	21-41 Mt+	
Baroda	Jamnagar	321	1	25	40	480	21-41 Mt+	
Baroda	Mundra	360	2	25	25	300	21-41 Mt+	
Baroda	Rajkot	246	1	25	40	480	21-41 Mt+	
Baroda	Sriram	194	1	25	80	960	21-41 Mt+	
Baroda	Silvassa	227	1	25	140	1680	21-41 Mt+	
Baroda	Tarapur	275	1	25	100	1200	21-41 Mt+	
Baroda	Valsad	190	1	25	30	360	21-41 Mt+	
Baroda	Pune	427	2	25	60	720	21-41 Mt+	
Baroda	Satara	500	2	25	25	300	21-41 Mt+	
Baroda	Khopoli	427	2	25	100	1200	21-41 Mt+	
Baroda	Alandi, Pune	427	2	25	60	720	21-41 Mt+	
Chennai	Hindupur, Anantpur	300	1	25	30	360	21-41 Mt+	
Faridabad	Aligarh	95	1	25	80	960	21-41 Mt+	
Faridabad	Alwar	116	1	25	50	600	21-41 Mt+	
Faridabad	Amritsar	426	2	25	60	720	21-41 Mt+	
Faridabad	Bahadurgarh	45	1	25	40	480	21-41 Mt+	
Faridabad	Bawal	81	1	25	40	480	21-41 Mt+	
Faridabad	Bhiwadi	51	1	25	80	960	21-41 Mt+	
Faridabad	Delhi	25	1	25	280	3360	21-41 Mt+	
Faridabad	Jaipur	223	1	25	80	960	21-41 Mt+	
Faridabad	Faridabad Local upto 40 Kms	40	1	25	250	3000	21-41 Mt+	
Faridabad	Ghatbilod	665	2	25	80	960	21-41 Mt+	
Faridabad	Hissar	96	1	25	80	960	21-41 Mt+	
Faridabad	Indore	649	2	25	80	960	21-41 Mt+	
Faridabad	Jagadhari (Yamunanagar)	183	1	25	200	2400	21-41 Mt+	
Faridabad	Jalandhar	364	2	25	160	1920	21-41 Mt+	
Faridabad	Kalaambe	270	1	25	50	600	21-41 Mt+	
Faridabad	Kanpur	361	2	25	40	480	21-41 Mt+	
Faridabad	Ludhiana	311	1	25	210	2520	21-41 Mt+	
Faridabad	Mandi Govindgarh	268	1	25	40	480	21-41 Mt+	
Faridabad	Noida & Greater Noida	20	1	25	25	300	21-41 Mt+	
Faridabad	Palwal	29	1	25	50	600	21-41 Mt+	
Faridabad	Pitampur	665	2	25	40	480	21-41 Mt+	
Faridabad	Roorkee	170	1	25	25	300	21-41 Mt+	
Faridabad	Sikanderabad	38	1	25	260	3120	21-41 Mt+	
Faridabad	Sonapat	70	1	25	60	720	21-41 Mt+	
Faridabad	Gurgaon	26	1	25	20	240	21-41 Mt+	
Faridabad	Kosi (Mathura)	110	1	25	80	960	21-41 Mt+	
Faridabad	Hoshiarpur	371	2	25	40	480	21-41 Mt+	
Faridabad	Meerut	73	1	25	40	480	21-41 Mt+	
Faridabad	MODINAGAR	52	1	25	40	480	21-41 Mt+	
Faridabad	Ghaziabad	30	1	25	200	2400	21-41 Mt+	
Faridabad	Hapur	58	1	25	80	960	21-41 Mt+	
Faridabad	Gurgaon	26	1	25	120	1440	21-41 Mt+	
Faridabad	Akalgarh	374	2	25	25	300	21-41 Mt+	
Faridabad	Jaipur	223	1	25	165	1980	21-41 Mt+	
Faridabad	Surajpur, HP	281	1	25	50	600	21-41 Mt+	

Secondary (Depot) Finished Goods Transportations								
From (Destination)	To (Destination)	Distance (Kms)	Transit Days	Indicative Daily Quantity (Mt)	Indicative Monthly Quantity (Mt) Variance (+/-20%)	Indicative Annual Quantity (Mt) Variance (+/-20%)	Average Lorry Carrying Capacity (21 Mt-41 Mt)	Freight Rate for 21 Mt-41 Mt
Hyderabad	Bellary	296	1	25	500	6000	21-41 Mt+	
Jamshedpur	Bistupur (Tata Steel CRM),Jharkhand	4	1	25	600	7200	21-41 Mt+	
Jamshedpur	Jamshedpur (Tata Steel),Jharkhand	2	1	25	400	4800	21-41 Mt+	
Jamshedpur	Adityapur (Tata Steel Tubes (BMW),Jharkhand	6	1	25	150	1800	21-41 Mt+	
Jamshedpur	Govindpur ,Tata Tubes (Shiv Shambhu),Jharkhand	140	1	25	30	360	21-41 Mt+	
Jamshedpur	Indranagar (Tata Wires ISWP),Jharkhand	6	1	25	80	960	21-41 Mt+	
Jamshedpur	Gamharia (BMW),Jharkhand	12	1	25	500	6000	21-41 Mt+	
Jamshedpur	Tatisilwai (Usha Martin),Jharkhand	129	1	25	60	720	21-41 Mt+	
Jamshedpur	Bokaro Steel,Jharkhand	133	1	25	400	4800	21-41 Mt+	
Jamshedpur	Sambalpur (BPSL),Odisha	410	2	40.00	1100	13200	21-41 Mt+	
Jamshedpur	Sundergarh (SAIL Rourkela),Odisha	314	1	25	400	4800	21-41 Mt+	
Jamshedpur	Sundergarh (Reliable Sponge),Odisha	314	1	25	80	960	21-41 Mt+	
Jamshedpur	Dhenkana (Tata Angul),Odisha	320	1	25	200	2400	21-41 Mt+	
Jamshedpur	Taratata (Eveready Industries),West Bengal	281	1	25	40	480	21-41 Mt+	
Jamshedpur	Goalpara (Eveready Industries),Assam	985	3	25	80	960	21-41 Mt+	
Jamshedpur	Gurap (Utkarsh India),West Bengal	320	1	25	120	1440	21-41 Mt+	
Jamshedpur	Jangalpur (Utkarsh India),West Bengal	260	1	25	80	960	21-41 Mt+	
Jamshedpur	Ranihati (Jindal India),West Bengal	252	1	25	100	1200	21-41 Mt+	
Jamshedpur	Jangalpur (Jindal India),West Bengal	260	1	25	100	1200	21-41 Mt+	
Jamshedpur	Haldia (Manaksia Steels),West Bengal	266	1	25	25	300	21-41 Mt+	
Jamshedpur	Rourkela (Others),Odisha	227	1	25	20	240	21-41 Mt+	
Jamshedpur	Ranchi	130	1	25	30	360	21-41 Mt+	
Kolkata	Bansal Utkarsh Ltd - Jangalpur	22	1	25	300	3600	21-41 Mt+	
Kolkata	Belur - JG Chem (P) Ltd.	93	1	25	25	300	21-41 Mt+	
Kolkata	Domjur -- JG Chem (P) Ltd.	24	1	25	50	600	21-41 Mt+	
Kolkata	Haldia -- Manaksia	118	1	25	150	1800	21-41 Mt+	
Kolkata	Jangalpur -- Jindal Ind./Skipper/Utkarsh	22	1	40.00	1000	12000	21-41 Mt+	
Kolkata	Jamshedpur	276	1	25	200	2400	21-41 Mt+	
Kolkata	Kolkatta -- Eveready (Transport Depot Road)	12	1	25	100	1200	21-41 Mt+	
Kolkata	Kolkatta -- Navraj Ent. (Shalimar)	10	1	100.00	2000	24000	21-41 Mt+	
Kolkata	Kolkatta -- Raj Finoxides, Dankuni	21	1	25	600	7200	21-41 Mt+	
Kolkata	Kolkatta--Hind Commercial (Manicktalla)	6	1	25	200	2400	21-41 Mt+	
Kolkata	NH-2 Delhi Road -- Bhushan Steel	30	1	25	600	7200	21-41 Mt+	
Kolkata	Ranchi	406	2	25	30	360	21-41 Mt+	
Kolkata	Uluberia	43	1	25	200	2400	21-41 Mt+	
Kolkata	Jharsuguda	632	2	25	80	960	21-41 Mt+	
Kolkata	Rourkela	493	2	25	60	720	21-41 Mt+	
Kolkata	Guwahati	1026	3	25	50	600	21-41 Mt+	
Kolkata	Gurap	65	1	25	400	4800	21-41 Mt+	
Kolkata	Dhanbad	277	1	25	50	600	21-41 Mt+	
Kolkata	Byrnihat(Meghalaya)	1047	3	25	50	600	21-41 Mt+	
Kolkata	Amta(Howrah)	45	1	25	60	720	21-41 Mt+	
Nagpur	Alandi, Pune	705	3	25	50	600	21-41 Mt+	
Nagpur	Butibori	27	1	25	50	600	21-41 Mt+	
Nagpur	Deoli	789	3	25	60	720	21-41 Mt+	
Nagpur	Kalmeshwar	23	1	25	90	1080	21-41 Mt+	
Nagpur	Khopoli	779	3	25	50	600	21-41 Mt+	
Nagpur	Nagpur Local	30	1	25	80	960	21-41 Mt+	
Nagpur	Raipur	284	1	25	60	720	21-41 Mt+	
Nagpur	Sanaswadi -Pune	678	2	25	40	480	21-41 Mt+	
Nagpur	Satara	787	3	25	105	1260	21-41 Mt+	
Nagpur	Tarapur	813	3	25	50	600	21-41 Mt+	
Nagpur	Urla	287	1	25	100	1200	21-41 Mt+	
Nagpur	Vasind	759	3	25	120	1440	21-41 Mt+	
Nagpur	Wardha	81	1	25	150	1800	21-41 Mt+	

Secondary (Depot) Finished Goods Transportations								
From (Destination)	To (Destination)	Distance (Kms)	Transit Days	Indicative Daily Quantity (Mt)	Indicative Monthly Quantity (Mt) Variance (+/-20%)	Indicative Annual Quantity (Mt) Variance (+/-20%)	Average Lorry Carrying Capacity (21 Mt-41 Mt)	Freight Rate for 21 Mt-41 Mt
Panvel	Alandi	111	1	25	100	1200	21-41 Mt+	
Panvel	Ambernath	33	1	25	40	480	21-41 Mt+	
Panvel	Bhivandi	42	1	25	200	2400	21-41 Mt+	
Panvel	Chakan	109	1	25	200	2400	21-41 Mt+	
Panvel	Daman	190	1	25	100	1200	21-41 Mt+	
Panvel	Deoli	715	3	25	120	1440	21-41 Mt+	
Panvel	Indapur	255	1	25	50	600	21-41 Mt+	
Panvel	Jejuri	166	1	25	80	960	21-41 Mt+	
Panvel	Kalmeshwar	802	3	25	200	2400	21-41 Mt+	
Panvel	Khopoli	38	1	25	150	1800	21-41 Mt+	
Panvel	Mundwa	123	1	25	40	480	21-41 Mt+	
Panvel	Murbad	65	1	25	100	1200	21-41 Mt+	
Panvel	Nagpur	813	3	25	80	960	21-41 Mt+	
Panvel	Nasik	172	1	25	50	600	21-41 Mt+	
Panvel	Pune	115	1	25	80	960	21-41 Mt+	
Panvel	Ranjangaon	154	1	25	25	300	21-41 Mt+	
Panvel	Sanaswadi	144	1	25	25	300	21-41 Mt+	
Panvel	Satara	223	1	25	100	1200	21-41 Mt+	
Panvel	Silvassa	187	1	25	50	600	21-41 Mt+	
Panvel	Taloja	12	1	25	100	1200	21-41 Mt+	
Panvel	Tarapur	142	1	25	150	1800	21-41 Mt+	
Panvel	Vasind	75	1	25	200	2400	21-41 Mt+	
Panvel	VILE BHAGAD MIDC, INDUSTRIAL AREA, PUNE POSCO	95	1	25	100	1200	21-41 Mt+	
Panvel	Wardha	727	3	25	80	960	21-41 Mt+	
Panvel	Bhiwandi(Mumbai)	46	1	25	300	3600	21-41 Mt+	
Panvel	Valsad	214	1	25	100	1200	21-41 Mt+	
Panvel	Rajkot	726	3	25	50	600	21-41 Mt+	
Panvel	Baroda	440	2	25	100	1200	21-41 Mt+	
Raipur	Raipur Local	20	1	25	200	2400	21-41 Mt+	
Raipur	Urla	20	1	25	250	3000	21-41 Mt+	
Raipur	Wardha	358	2	25	50	600	21-41 Mt+	
Raipur	Kalmeshwar	305	1	25	100	1200	21-41 Mt+	
Raipur	Deoli	398	2	25	25	300	21-41 Mt+	
Raipur	Nagpur	283	1	25	25	300	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).		
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		Low	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.
17	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. No.	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.	8,000/-
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 H2L 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 H2L 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.	8,000/-
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)