

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 CALCINE BY ROAD

Tender No. HZL/CONT/IUT/CALCINE/2024/04

Date: 12.06.2024

LAST DATE OF SUBMISSION: 19th June'2024

M/s _____

Dear Sir(s),

1. Sealed tenders are invited for the Transportation of Calcine using own 30 to 45 no's dedicated fleet of high-capacity Electric Vehicle (Bulkers) from Hindustan Zinc Limited (HZL) Smelter at Debari/Dariba to Chanderiar for the period from July '2024 to June '2032 as specified under "Scope of Work" appended hereto.
2. Tenders must be submitted in sealed envelope only superscripted on the face thereon "TENDER FOR.... & TENDER NO. .. to reach the below given address on or before the closing hours of 19th June'2024.
3. EARNEST MONEY: -
 - (i) Participating tenderers must deposit Earnest Money Deposit (EMD) of s.2,00,000/- (Rupees Two lacs only) in the form of Demand Draft in favour of "HINDUSTAN ZINC LIMITED", payable at Udaipur, Rajasthan.
 - (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,

Address to submit the tenderFor **HINDUSTAN ZINC LIMITED**,

(Authorised Signatory)

Head – Logistics

Hindustan Zinc Ltd.

C.R.D.L. BuildingP. O: Zinc Smelter,
Debari-313024, Udaipur (Raj)

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

SCOPE OF WORK -

Transportation of Calcine Movement through Bulklers from ZSD to CLZS & DSC and DSC to CLZS (vice versa if needed) and as indicated in the Annexure – III of this agreement. HZL reserves the right to increase / decrease the quantity or delete / add similar identical item depending upon the requirement of the units and no compensation whatsoever shall be payable due to any such addition / deletion / alteration.

Service provider will carry out work by its own fleet of bulkers. The service provider shall transport the materials as per the program given by the office in-charge of the dispatching unit the consignor, CLZS as the case may be, in writing preferably by mail (no verbal/ telephonic communication) from time to time and ensure safe delivery of material to the consignee, CLZS as the case may be.

Freight cost includes only transportation of Calcine, loading and unloading shall be done by service provider at respective dispatching and receiving units of HZL, ZSD, DSC & CLZS respectively.

Service provider shall be responsible for delivering of original copy of invoices at receiving point along with the consignment. Any loss arising out of non-delivery of GST documents is liable to be recovered from service provider's bills.

The empty & loaded vehicles of Calcine will be weighed on weighbridges at both dispatching and receiving locations.

All tools / tackles and appliance with necessary knowledge required for safety of workers for doing this work will be provided by the service provider.

Contract Period:

The contract period will for 8 years from 01.07.2024 to 30.06.2032, and thereafter may be extended by mutual consent of parties for a further period of 2 year subject to the satisfactory performance of the Service provider. However, in case of unsatisfactory performance by the Service Provider, HZL reserves the right to terminate this contract forthwith without any compensation to the Service Provider in accordance with provisions hereunder.

PAYMENT TERMS:

Payment for bills submitted complete with all supporting documents will be released by HZL within 15 (Fifteen) days from the date of submission of bills. Service provider will submit bills every tenth day, for example bills for services provided from 01.09.23 to 10.09.23 will be submitted by 11.09.23 and for which payment shall be released on or before 25.09.23. However, delay in payment of bill due to any reason will not vitiate other terms of this contract nor will it give any right to the service provider to suspend the work under this contract.

TRANSIT TIME:

Transit time is the time between gate out time at dispatching unit and reporting time of the Electric Vehicle at the receiving plant parking will be considered as the time of reporting.

Electric Vehicles loaded with Concentrate must deliver material within allowed transit time mentioned in Annexure III for each route.

However, delay in delivery can be condoned on valid ground such as Electric Vehicle breakdown or Electric Vehicle detained by some agency or natural calamity or force majeure situations for which information should be furnished within transit time 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 dispatching unit and obtain approval for the same.

FREIGHT:

HZL shall pay as per Annexure "III" as the freight rate for transportation of calcine from Dispatching and Receiving units of HZL. Freight rates given are inclusive of all expenses like electricity, Tyres, Road Tax, Toll Tax, Permit Expense & Statutory levies etc. **GST shall be paid by HZL as applicable.** All payments made under this Order are subject to tax deduction at source as per law.

Freight shall remain firm & fixed for the period of contract and will not change by any reason except if there is any addition/removal in toll charge en-route.

In case we start providing Electric Vehicle tyres at discounted rate from reputed tyre suppliers then benefit of discount to be shared with HZL.

TRANSHIPMENT:

Transshipment of goods is strictly not allowed en-route unless warranted due to failure of Electric Vehicle to move further or accident occurred, or Electric Vehicle detained by any agency for some reason or lorry for a particular destination is not available. In case of Electric Vehicle accident and Electric Vehicle detained, service provider has to inform to dispatch department through email and get written approval for transshipment. In case of non-availability of Electric Vehicle for a particular destination, dispatch department shall take suitable decision in consultation with marketing department for allowing transshipment of goods to a separate Electric Vehicle having authorization to move towards said particular destination.

While carrying out any such transshipment service provider has to take all care so that no damage occurs to the product and its packing.

While submitting freight bill for such Electric Vehicles service provider is required to attach the approval provided with proof of documents showing condition of Electric Vehicle under accident/ break down/ detained. Transshipment without valid approval shall attract penalty of 1/3 of the freight payable for the transhipped lorry.

DETENTION:

No claim for detention charges of any nature shall be entertained by HZL under any circumstances and for any reason whatsoever for detention of Electric Vehicles at any point during transit or execution of the service.

GPS IN ALL ELECTRIC VEHICLES - Transport Provider has to ensure that all their Electric Vehicles are fitted with GPS devices and regular tracking of Electric 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 transport provider so as to ensure that tracking of all the Electric Vehicles is done on a common single platform. For proper installation of GPS devices the Electric Vehicles must have KEY BASED switch on switch off system in engine.

ELECTRIC VEHICLE PLACEMENT AND RISK & COST OPTION: Electric Vehicles for 100% of indented quantity must be placed without fail on next day.

Risk Purchase shall be done under written intimation and proof of failure against indent as per contract to transport provider by Sales and Dispatch Department of dispatching unit and any extra cost including security convoy incurred in doing so shall be debited to Transport / Service Provider.

FAILURE / REFUSAL TO EXECUTE JOBS ASSIGNED / ENTRUSTED – Under no circumstances the transport provider can stop work specified in its contract. Necessary remedial measures shall have to be taken by him. In case of any dispute the decision of HZL will be binding on the transport provider. The transport provider fails to execute the job within a reasonable period or refuses to execute or arrange to execute for any reason, whatsoever, HZL reserves the right to get the job done by any other transport providers at the risk and cost of the transport provider besides recovery of all losses on this contract through the security deposit or pending bills by the transport provider. Sales and Dispatch Department jointly with Logistics shall exercise risk purchase option.

Electricity related points

Electricity shall be provided by HZL, HZL will provide the Space and required electrical and infra support whereas Charging station capex will be borne by transporter.

From	To	Approx distance(RTKM)	Electricity Unit Rate	Electricity Unit Consumption	Vehicle Carrying Capacity*	
Debari	Chanderiya	220				
Debari	Dariba	128				
Dariba	Chanderiya	180				

*Existing Diesel vehicles carrying 38 MT

Party shall be penalised in case of higher electricity consumption (_____ unit per trip that ____ kwh/ Km)on average rate of electricity provided during that month.

BULKERS :

- Total Bulker requirement:
 1. From April'24 till Oct'24 – 30 Bulkiers
 2. From Nov'24 onwards – 45 Bulkiers
- All Bulkiers must be not older than Jan – 2024 (age must be less than 1 years).

WEIGHMENT: The Transport provider shall ensure that at the time of taking delivery at the dispatching unit, the exact weight as per the weigh bridge at dispatching weight is correctly recorded in the relevant Lorry Receipt (LR) which would be the basis for verification and proper 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.

For the purpose of payment of freight the weight recorded in the LR at dispatching unit prior to dispatch shall be the basis of verification. For the purpose of the correctness of the material delivered at destination, the weight recorded at receiving unit would be final.

Transport provider shall be responsible for delivering of original and duplicate copy of invoices at stock point/s along with the consignment. If the duplicate copy of excise invoice lost by lorry driver than transport Provider will be penalized Rs.1000/- per invoice and also any loss due to non-delivery of excise document will be recovered from the Transport Provider. To take CENVAT benefit on loss of Excise Invoice en-route transport provider will be responsible to file and submit the original FIR to the destination Receipt in-charge, to process the CENVAT benefit. Till CENVAT benefit is granted to the customer / depot, the amount equal to the CENVAT value will be kept on hold in account of transport provider with intimation.

The transport provider shall provide the bank approved LR to the Sales and Dispatch Dept. of the dispatching unit of HZL.

VEHICLE DETENTION CHARGES: Not Applicable

VEHICLE PLACEMENT AND RISK & COST OPTION : Vehicles for 100% of indented quantity must be placed without fail on next day.

Risk Purchase shall be done under written intimation and proof of failure against indent as per contract to transport provider by Sales and Dispatch Department of dispatching unit and any extra cost incurred in doing so shall be debited to Transport / Service Provider.

FAILURE / REFUSAL TO EXECUTE JOBS ASSIGNED / ENTRUSTED – Under no circumstances the transport provider can stop work specified in its contract. Necessary remedial measures shall have to be taken by him. In case of any dispute the decision of HZL will be binding on the transport provider.

The transport provider fails to execute the job within a reasonable period or refuses to execute or arrange to execute for any reason, whatsoever, HZL reserves the right to get the job done by any other transport providers at the risk and cost of the transport provider besides recovery of all losses on this contract through the security deposit or pending bills by the transport provider. Sales and Dispatch Department jointly with Logistics shall exercise risk purchase option.

Presently calcine bulkers dispatched from Dariba and Debari Zn plants being unloaded in L&P section of Hydro.

Following are the location where calcine bulkers unloading is required.

Location	Material	Material unloading Pipeline Size
Hydro-1 Calcine Silo	Calcine	150 NB
Hydro-1 Daybin 5	Calcine	150 NB
Hydro-1 Daybin 6	Calcine	150 NB
Hydro-2 Silo	Calcine	150 NB
Hydro-2 Silo	Calcine	150 NB
Hydro-2 Daybin	Calcine	150 NB
TGT section	Calcine	150 NB

The capacity for Calcine Bulker: 35-40 MT

Presently Empty Calcine bulkers are coming in DSC-Zn plant at R5 Roaster Silos. Filling of Calcine and dispatched from Dariba to CLZS and Debari Zn plants, being unloaded in L&P section of Hydro.

Following are the location where calcine bulkers loading / Unloading is required.

Location (Loading)	Material	Material unloading Pipeline Size	Location (Unloading)
Silo – 1 (R5 - Roaster) DSC – Zn Plant	Calcine	150 NB	L & P CLZS/Debari Zn plant
Silo - 2 (R5 - Roaster) DSC – Zn Plant	Calcine	150 NB	L & P CLZS/Debari Zn plant

1. Vendor Scope for providing the Bulker(Loading):

1. The vendor should provide the technical fitness certification for bulkers (Hydraulic pressure test, Thickness mapping bulker of tank, etc.) along with validity date.
2. All the testing certificates should be certified by accredited agencies.

3. Vendor should provide the bulker based on dispatch plan as per logistics communication.
4. In case of breakdown in bulker, vendor will ensure availability of Bulklers as per plant requirements.
5. The bulker availability should be ensured as per HZL requirement basis (24 X 7).
6. The bulker driver must have knowledge of the bulker unloading system. If there are any abnormalities on Unloading, it should be communicated immediately to the respective in charge as well as HZL in charge.
7. In case of bulker loading at night, the driver denied loading of calcine then "PENALTY" clause should be applicable in that case.
8. The bulker is not provided as per committed time, "PENALTY" clause should be applicable in that case.
9. Bulker filling should have +/-5% deviation as per RTO rule.
10. After loading the bulker, driver ensure the sealing of top (which is opened for loading) and bottom of the bulker (bulker drain point).
11. In case of any seal broken condition is observed, then the bulker should be unloaded with approval as per DOA. And if there is any loss of weight then the "PENALTY" clause should be applicable in that case (Penalty will be as per metal loss calculation).
12. Payment will be done on per ton basis as per HZL weigh bridge weighment slip.

General & Safety Requirements:

1. 100% Compliance as per HZL safety standards, CSM Guidebook and HZL Life Saving rules as attached and Bulker Drivers must follow all these standards.
2. Bulker drivers must follow all shifting standards as attached.
3. Bulker drivers must follow all standards of HZL VDSS and NO-GO Criteria as attached.
4. Providing all required and mandatory safety PPEs with reflective jackets as per HZL Standards & as per nature of job to your bulker drivers etc. will be in your scope.
5. Bulker Drivers must be skilled & Experiences for shifting / movement of calcine from one place to another place.
6. All Original & Valid document RTO, Insurance, RC, Permit, Load Test Certificate etc. all other documents related to vehicle & drivers along with photocopy sets.
7. Drivers must have a valid original license, Group Insurance, police verification, original ID proofs (Aadhar/Driving License/Voter Card), 2-3 photos etc. for gate pass formalities.
8. All bulker related tool & tackles will be contractor's scope as per requirements.
9. Bulker Driver must have proper coordination with HZL Engineer In charge.
10. Any breakdown in bulkers counted as non-availability & payment will not be released for that period.
11. Job to be done as per instruction of HZL Engineer In charge for timely execution of job.

2. Scope of Work (Unloading):

Unloading calcine bulkers will be in vendor's scope. However, a healthy unloading facility will be provided by M/s HZL.

Unloading of calcine bulkers will have 2 major aspects one from Bulker vehicle side and another from Bulker driver side as follows:

Driver coming with Calcine bulker must ensure following:

1. He is trained for Bulker unloading SOP by HZL team.
2. He is PTW (as initiator & Co-permittee) and work at height trained and passed height phobia test. To be provided and confirmed by M/s HZL representative.
3. He must ensure wearing all mandatory PPEs. Vendor must provide PPEs of standard make as per HZL only. As per PPE matrix given below.
4. He must possess required tools for hose fixing and minor corrections if required to be done in bulker pipes/man-door with M/s HZL executive permission.
5. In no case bulker driver will do vehicle maintenance or adjust PRV installed on bulkers or unloading line.
6. Safety valve adjustable point should be sealed and locked so driver can't change its setting.
7. Driver must go to the control room and give the invoice to control room In-charge and take permission for unloading the bulker. He may have to change unloading location as per plant requirements.
8. Bulker positioning, wheel stopper application and required activities to unload bulker as per SOP.
9. After bulker emptying driver must ensure to immediately move to weigh bridge for second weight.
10. If any violation reported against any bulker or driver, then it should not be allowed again until HZL suggested corrective action taken.
11. Once team of drivers trained and authorised in case vendor need to deploy new driver, he must inform plant team in advance to ensure their training. Frequent deployment of new drivers to be avoided.

While deploying bulkers vendor must ensure following:

1. All mandatory bulker certification documents and driver documents must be available with driver.
2. Bulkers must be complying all safety and statutory compliances as per factories act and HZL V&D standard.
3. Bulker body to be ensured without patches or any temporary work as it will be subjected to pressurised conveying.
4. Vendor to submit advance plan to handle emergency/abnormal scenarios like vehicle maintenance, bulker body leakage, PRV/Pressure gauge faulty etc.
5. Each bulker must be equipped with Wheel stopper, certified PRV and Pressure gauge for which certificated must be available with drivers apart from HZL V&D standard requirements.

6. Bulker drivers seen to go below vehicle to operate valve which is FPO. Possibility to be explored to provide remote operation of this valve so as to avoid entry of bulker driver below vehicle area.
7. Test certificate to be brought for 3.5 kg/cm² for unloading.

Annexure -III Consideration.

From April'24 till Oct'24							
From	To	Approx distance(RTKM)	Transit Days	Tentative Daily quantity(MT)	Tentative Monthly quantity(MT)	Tentative quantity	Freight(Rs. /MT)
Debari	Chanderiya	220	1	449	13714	96000	
Debari	Dariba	128	1	40	120	840	
Dariba	Chanderiya	180	1	363	10890	76230	

From Nov '24 onwards, Tentative Quantity shall be revised as per details below:						
From Nov'24 onwards						
From	To	Approx distance(RTKM)	Transit Days	Tentative Daily quantity(MT)	Tentative Monthly quantity(MT)	Tentative quantity (Nov'24-Mar'25)
Debari	Chanderiya	220	1	1025	31000	155000
Debari	Dariba	128	1	40	120	600
Dariba	Chanderiya	180	1	363	10890	54450

**** (Same freight rate will be applicable for vice versa movement)**

SERVICE INSTRUCTIONS, FAILURE TO PLACE VEHICLES AND PENALTY THEREOF:

Service instructions will be issued periodically by HZL (Officer Incharge) with time frame to execute the service, destination and other requirements through the service provider's representative through email / telephone. It shall be clearly understood that the instructions so given or delivered to, through the representative or over telephone shall be taken as if they have been given or delivered to the service provider (service provider's office) and the Service provider has to carry out such instruction without fail and in case there will be any lapses in carrying out the instructions, the service provider shall be responsible for any loss incurred by HZL.

Bank Guarantee: BG is Required Rs **0.5% annual contract value** or **Min 20 lacs** whichever is higher.

Details of costing calculation (sample) is provided in annexure D which is to be filled along with Annexure A & B.

For Hindustan Zinc Limited

Authorised Signatory

For Tenderer

**Authorised Signatory with
seal of the company.**

ANNEXURE – “A”

Please submit following details along with the tender:

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

S.No.	Description	Details
1.	Name of the Firm	
1(i)	Sister concern(s) (Name/ details if any)	
2.	Head Office Address: Contact person (Owner/Director name) Tel. No. Mobile No. e- mail address	
2.(a)	Registered Office Address: Contact person Tel. No. Mobile No. e- mail address	
3.	No. of Branches in India No. of Branches out of India (List with contact details to be attached)	
3(i)	If you have branch at Chittorgarh: Branch address Contact person Tel. No. Mobile No. e- mail address	
3 (ii)	If you have branch at Udaipur: Branch Address Contact person Tel. No. Mobile No. e- mail address	

S.No.	Description	Details
3(iv)	If you have branch at Pantnagar Branch address Contact person Tel. No. Mobile No. e- mail address	
4	Status – Company/ Partnership firm / Proprietorship etc. (attach document)	
4(i)	Date of Firm start	
5	IBA Registration No. (mandatory) Issued on date : Valid till date : (attach certificate)	
6	Permanent Account no. (PAN no.)	
7	Service Tax registration no.	
8	Projected turnover 22-23	
8(i)	Audited turnover 22-23 (attach Balance sheet)	
8(ii)	Audited turnover 2022-23 (attach Balance Sheet)	
9	No. of vehicles in own fleet (attach details with carrying capacity)	
9(i)	No. of vehicles as attached fleet	
10	Dealing Bank(s)	
10(i)	Financial Status: attach Bank certificate	
11	Your Major Client(s) during the current year 2021 -22 with approx. turn over (Attach Word Order Copy)	
12	Were you had been working with any of Vedanta group unit in last 3 years, furnish unit name with turnover?	
13.	EMD Details (DD No., dt. and Bank name)	

ANNEXURE – “B”

Please quote the freight rate for the following route:

From (Mines Location)	To (Smelter Location)	Transit Time (Hours)	Distance (RTKM)	Monthly Tentative Lifting Quantity (In Mt)	Freight Per MT (Rs.)
Rampura Agucha Mines	Chanderiya Smelter	6	240	42000	
Rampura Agucha Mines	Dariba Smelter	8	310	34000	
Rampura Agucha Mines	Debari Zinc Smelter	10	450	18000	

Above monthly dispatch quantity may be vary Increase/Decrease based on Production

HZL, Mines

Rampura Agucha Mines (Bhilwara , Rajasthan)

HZL, Smelters

Chanderiya Lead Zinc Smelter, Chittorgarh
(Raj)

ANNEXURE: "C"

S.NO.	VEHICLE CHECK LIST
1	Floor should be even, strong enough and not damaged
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"

VEHICLE COST WORKING FOR Concentrate Vehicles			
Vehicle Type			
Capacity			
Estd.Trips/month			
Estd. Qty/month			
Distance (RTKM)			
Avg Diesel Consp.			
		Cost/ month (Rs)	Cost per mt (Rs.)
Electricity Cost	(Units per trip* rate)		
Insurance	Rs...../annum		
Rd Tax/Permit	Rs...../annum		
Fitness	Rs...../annum		
Driver Salary	Rs...../Month		
Fooding allowance	Rs...../Per day		
Installment	Rs...../annum		
Travel/RTO Exp	Rs...../annum		
Cleaner	Rs...../annum		
Tyre Cost	Rs...../Kms		
Toll	Rs...../round trip		
Maintenance	Rs...../Kms		
office/manpower	Rs...../Month		
Total Cost			
Less Salvage value			
Total Net of Salvage Value			
Per mt cost			

ANNEXURE- "E"

VEHICLE & DRIVING SAFETY STANDARD

VEHICLES AND DRIVING

All vehicles coming to HZL plant premises should follow below mentioned criteria for Vehicles as well as Drivers. If any vehicle is not fulfilling any of the criteria, then it will not be allowed to plant premises.

NO-GO Criteria for Vehicles -

1. **Seat Belt** - Vehicle must have functional seat belts for all Seats & 3 Point Contact type seat belts for driver & helper.
2. **Vehicle Fitness** - Any vehicle contracted to HZL should be certified for fitness on Roadworthiness by RTO (in form 38). New vehicle having RC of less than 2 Year old not to produce any fitness certificate separately.
3. **Tyre** - All Vehicle must comply with HZL guidance on Tyre(should have depth of 1.6mm in the centre of the tyre)
4. **Tractor Trolley** – Tractor with trolley has been banned in HZL .Only Auger with Tractor will be allowed for plantation.
5. **Retro-Reflective Tape** – Retro- Reflective tape required in the vehicle (side/front & back) for easy identification of the vehicle.
6. **Spark Arrestor** - Any vehicles carrying flammable & explosive materials such petroleum products i.e. HSD, FO, tyre oil, propane gas etc.
7. **Run Protection** - Side Run (SUDP) & Rear Run(RUDP) Protection should be available in all HMV.
8. **Third Axial Provision** - Empty truck can have lifted third axial but loaded truck should have third axial on ground with running condition.
9. **RC & Insurance Paper** - Vehicle should have a valid RC copy along with Insurance Paper.
10. **Reverse Horn** - Vehicle must have working & audio-able reverse horn.
11. **Indicators/ blinker & Head lights** - Vehicles must have working indicators/ blinkers and Head lights.
12. **Wiper at driver side** - Vehicles must have working wiper on wind screen at Driver side.
13. **Side Mirrors**- Vehicles must have side mirror at driver & helper sides
14. **Fire Extinguisher** – LMV should have 1KG metal body and HMV should have 4KG metal body type Fire Extinguisher (IS 15683).
15. **Disabled Triangle** – All vehicles (LMV & HMV) should have disabled Triangle which has to be used during vehicle breakdown condition.
16. **First Aid Kit** – All vehicles (LMV & HMV) should have one First Aid Kit for emergency Usage.

NO-GO Criteria For Drivers –

1. **Seat Belt** – Driver has to use Seat belt all the time whenever will be inside the vehicle.
2. **PPE** - Safety helmet, safety shoes, Goggle & reflective jackets (except hazardous goods carrying vehicles)
3. **Medical Fitness** - All Vehicle drivers must have a medical fitness certificate confirming the parameters stipulated by HZL. Please refer to the Annexure-1.
4. **Intake of Alcohol & Drugs** - Drivers will not be allowed to drive vehicle found taking drugs/Alcohol.
5. **Haz-Chem Training** - All Drivers carrying Hazardous chemicals and/or material possess a valid training certificate on Haz-Chem from state Government approved institute or agency(after completion of CMVR training driving licences will be issued by RTO).Driver should have **TREM** Card with them.

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)