

Bid Document

Bid Details	
Bid End Date/Time	06-07-2020 16:00:00
Bid Opening Date/Time	2020-07-06 16:30:00
Bid Life Cycle (From Publish Date)	90 (Days)
Bid Offer Validity (From End Date)	75 (Days)
Ministry/State Name	Bihar
Department Name	Transport Department Bihar
Organisation Name	Transport Department
Office Name	Bihar State Road Transport Corporation
Total Quantity	25
Item Category	Buses for State Road Transport
Bidder Turnover (Last 3 Years)	478 Lakh (s)
OEM Average Turnover (Last 3 Years)	900 Lakh (s)
Experience Criteria	3 Year (s)
MSE Exemption for Years of Experience and Turnover	No
Startup Exemption for Years of Experience and Turnover	No
Document required from seller	Experience Criteria,Past Performance,Bidder Turnover,OEM Authorization Certificate,OEM Annual Turnover *In case any bidder is seeking exemption from Experience / Turnover Criteria, the supporting documents to prove his eligibility for exemption must be uploaded for evaluation by the buyer
Past Performance	10 %
Bid to RA enabled	Yes
Inspection Required	Yes
Inspection to be carried out by Buyers own empanelled agency	Yes
Type Of Inspection	Stage-wise Inspection
Name of the Empanelled Inspection Agency/ Authority	Board of Officers

EMD Detail

--	--

Advisory Bank	State Bank of India
EMD Percentage(%)	3.00
EMD Amount	2869126

ePBG Detail

Advisory Bank	State Bank of India
ePBG Percentage(%)	10.00
Duration of ePBG required (Months).	39

(a). EMD EXEMPTION: The bidder seeking EMD exemption, must submit the valid supporting document for the relevant category as per GeM GTC with the bid. Under MSE category, only manufacturers for goods and Service Providers for Services are eligible for exemption from EMD. Traders are excluded from the purview of this Policy.

(b). EMD & Performance security should be in favour of Beneficiary, wherever it is applicable.

Beneficiary:

ATI

BIHAR STATE ROAD TRANSPORT CORPORATION, Transport Department Bihar, Transport Department,
(Subhash Chandra Singh)

Splitting

Bid splitting not applied.

1. Experience Criteria: In respect of the filter applied for experience criteria, the Bidder or its OEM {themselves or through reseller(s)} should have regularly, manufactured and supplied same or similar Category Products to any Central / State Govt Organization / PSU / Public Listed Company for number of years as indicated in the bid document before the bid opening date. Copies of relevant contracts to be submitted along with bid in support of having supplied some quantity during each of the year. In case of bunch bids, the category of primary product having highest value should meet this criterion.

2. OEM Turn Over Criteria: The minimum average annual financial turnover of the OEM of the offered product during the last three years, ending on 31st March of the previous financial year, should be as indicated in the bid document. Documentary evidence in the form of certified Audited Balance Sheets of relevant periods or a certificate from the Chartered Accountant / Cost Accountant indicating the turnover details for the relevant period shall be uploaded with the bid. In case the date of constitution / incorporation of the OEM is less than 3 year old, the average turnover in respect of the completed financial years after the date of constitution shall be taken into account for this criteria.

3. Past Performance: The Bidder or its OEM {themselves or through re-seller(s)} should have supplied same or similar Category Products for 10% of bid quantity, in at least one of the last three

years before the bid opening date to any Central / State Govt Organization / PSU / Public Listed Company. Copies of relevant contracts (proving supply of cumulative order quantity in any one year) to be submitted along with bid in support of quantity supplied in the relevant year. In case of bunch bids, the category related to primary product having highest bid value should meet this criterion.

Buses For State Road Transport (25 pieces)

Technical Specifications

* As per GeM Category Specification

Specification	Specification Name	Values	Bid Requirement (Allowed Values)
Certification	Conformity to GSR 287(E),Central Motor Vehicles(4th Amend)Rules,2015 and Built up Buses as per New BUS BODY CODE A IS-052(Revision-2008)w ith all amendments till date and meet the requirements as per AIS 153 as applicable on the date as per CMVR	YES	*
	Vehicle Certification ARAI/VRDE/ICAT/CIRT	Yes	*
	Vehicle Certification ARAI/VRDE/ICAT/CIRT No	-	*
	Compliance to Latest revision of CMVR Rules in all respects	Yes	*
	Compliance to AIS 135 for Fire Detection system and suppression system	No	*
	Compliance to GSR Notification SO 5453(E) for VLT	Yes	*
	VLT certified for compliance to the 125H of CMVR	Yes	*
	Tracking Device (VLT/ATD) as per system conforming to IS 16833:2018 Annex	Yes	*

	Awith compliance of AIS 140 with emergency buttons for access to every passenger in the bus preferably inbuilt box		
	Chassis certificate to be provided to buyers on Demand	Yes	*
	Pollution and Exhaust Gas Test Certificate to be provided to buyers on Demand	Yes	*
	Conforming to AIS 024 & 028 for CNG buses	NA for Diesel	*
	CNG cylinders conforming to relevant BIS and shall be duly approved by Department of explosive (PESO) and fulfil all other statutory requirements	NA for Diesel	*
	Security Camera Network(CCTV) as per IS 16833/2018 Annex C: CCTV system with an integrated emergency system	Yes	*
Generic Parameters	Bus type	TYPE II	TYPE I, TYPE II, TYPE III, TYPE IV
	Chassis Length of Bus	10.9	5 - 14
	Type of Floor	Standard Floor	Low Floor, Semi-low Floor, Standard Floor
	Floor Height	1150	Any applicable numeric value
	Category Of Bus	Standard	Standard
	Vehicle Seating Capacity Excluding Driver	41	41.0 - 75.0 Or higher
	Comfort Category	DLX	NDX, SDX, DLX, ACX
	Type of Fuel	Diesel	Diesel
	Vehicle Emission Compliance	BS-VI	BS-VI
	Vehicle Colour Type	Soild	Soild
	Colour of the Vehicle	-	*
	Vehicle Mileage (5	*

declared by OEM as certified by Test Agency under testing conditions under Rule 115 of CMVR 1989), City (Kmpl)		
Maximum Speed (Kmph)	80	*
Acceleration (As per AIS:153) m/s ²	14	*
Air Conditioning	Without	With, Without
Maximum Engine Power (BHP)	197	70 - 350
Rated RPM at Max power	2400	*
Engine Torque Maximum (N-m)	700	150 - 1200
Rated RPM at Max torque	1800	*
Engine Exhaust system	SCR (Selective Catalytic Reduction)	EGR (Exhaust Gases Recirculation, SCR (Selective Catalytic Reduction)
Engine Aspiration	Turbocharged	Natural Aspiration, Turbocharged, Supercharged, Turbocharged+Supercharged, TurboCharged Intercooled
No of Cylinder in Engine	6	*
Type of Vehicle Body	Chassis Frame	Chassis Frame
No of passenger Doors	1	Any applicable numeric value
Emergency Doors	Yes	*
Fuel Tank Capacity (Ltr or Kg)	239	Any applicable numeric value
Length of Vehicle Body	10934	*
Width of Vehicle Body	2600	*
Height of Vehicle Body	3380	*
Front Overhang (Max 40% of wheelbase)	2400	*
Rear Overhang (Max 60% of wheelbase)	3200	*
Gradeability of Vehicle	8	Any applicable numeric value

Ground Clearance	241	Any applicable numeric value
Wheel Base	5334	Any applicable numeric value
Boot Space Availability	No	Yes, No
Boot Space (if Yes)	0	Any applicable numeric value
Kerb Weight	10310	*
Gross Vehicle Weight	16200	Any applicable numeric value
No of Axle	2	More than 2.0 Or higher
Axle Configuration (No of Outside Tyre x No of Driving Tyre)	-	*
Type of Front Axle	I beam type ,made of alloy steel,with reverse Elliot design	*
Front axle Weight(MAX FAW)in KG (as per CMVR)	6300	Any applicable numeric value
Type of Rear Axle	Fully floating type with spiral/ Hypoid gears	*
Rear axle Weight (MAX RAW) in KG(as per CMVR)	9900	Any applicable numeric value
Front Suspension System	All elliptical	All elliptical, All Wevller, All Air, Parabolic
Rear Suspension System	All elliptical	All elliptical, All Wevller, All Air, Parabolic
Shock absorber System	4 bellows Double acting telescopic type shock absorbers with anti rolling bar or stabillizer or equivalent mechanism.	*
BIS marked Pneumatic Tyres and tubes for both front and rear	Yes	*
Tyre type	Radial	Radial, Crossply with tube, Crossply tubeless
Tyre Designation	-	*
Size of Wheel	-	*
Vehicle Transmission System	Manual	Manual

Type of Wheel drive	Two Wheel Drive(Rear Wheel)	Two Wheel Drive(Rear Wheel)
No of Speed/ Forward Gears	6	Any applicable numeric value
Drive Axle	Rear	Rear
Type of Steering	Hydraulically Power assisted	Hydraulically Power assisted
Make and Model of Steering system	-	*
Turning Radius	9655	Any applicable numeric value
Vehicle Brake ABS Fitted	Yes	*
Front Vehicle Brake	Air-S	Air-S, Hydraulic, Disc Brake
Rear Vehicle Brake	Air-S	Air-S, Hydraulic, Disc Brake
Type of Clutch	Single plate dry friction type mechanical clutch hydraulically operated	Single plate dry friction type mechanical clutch hydraulically operated, Single plate dry friction type mechanical clutch pneumatically operated
Electrical System	24 volt with battery isolating switch	*
Capacity/Rating of Maintenance free Battery(Volts,AH)	-	*
Automobile Cable	Conforming to IS:2465 latest and DIN:72551	*
Starter rating	24	*
Starter make and Model	-	*
Alternator Rating (Amp)	85	*
Alternator make and model	-	*
Central Locking	No	*
Vehicle Air Intake System	TurboCharged	TurboCharged
Driver Airbag	No	*
Day and Night View Mirror	No	Yes, No
Low Fuel warning Light	Yes	Yes
Speed	Yes	Yes

Governor/Speed limiting device with valid certification		
Towing Hook Front	Yes	Yes, No
Towing Hook Rear	No	Yes, No
Body Specification	-	*
Dimensions of tube /or other frame for body of main structure welded with/ for Monocoque as per New BUS BODY CODE AIS-052(Revision -2008)with all amendments till date	-	*
Thickness of tube /or other frame(thickness) for side of main structure welded with/ for Monocoque as per New BUS BODY CODE AIS-052(Revision-2008)with all amendments till date	-	*
Thickness of tube /or other frame(thickness) for roof of main structure welded with/ for Monocoque as per New BUS BODY CODE AIS-052(Revision-2008)with all amendments till date	-	*
Base Frame Structure ISMC/ for Monocoque as per New BUS BODY CODE AIS-052(Revision-2008)with all amendments till date	ISMC	ISMC, NA for Monocoque
Exterior Panel Material and Thickness of side body as per New BUS BODY CODE AIS-052(Revision-2008)with all amendments till date	-	*
Exterior Panel Material and Thickness of roof as per New BUS BODY CODE AIS-052(Revision -2008)with all amendments till date	-	*

Interior Panel Material and thickness of side body as per New BUS BODY CODE AIS-052(Revision-2008)with all amendments till date	-	*
Interior Panel Material and thickness of roof as per New BUS BODY CODE AIS-052(Revision-2008)with all amendments till date	-	*
Bus flooring material and thickness	-	*
Flooring Made Out from ISI Marked 12 mm thick BWR grade plywood covered with vinyl/3mm Aluminium Chequered plate	YES	YES, No
"Seating Plan:- (i)Co-driver seat suitable for One/ two persons "	fixed type	tilt able type, fixed type
Seating Plan	2X2	2X2
Type of seats	Rigid	Rigid, Pushback
Arm rest in all seat	No	Yes, No
Postion of Front Door	Before front axle	Before front axle, After Front Axle
Doors for Driver, Passenge Compartment	Manual Jack knife type	Manual Jack knife type, Pneumatic Jack knife type
Front wind screen (toughened type glass as per ARAI approved) Window with lock cum handle	Front wind screen in one piece	Front wind screen in one piece, Front wind screen in two piece
Rear Wind Screen (toughened type glass as per ARAI approved)	Rear wind screen in one piece	Rear wind screen in one piece, Rear wind screen in two piece
Wndows Glasses (toughened type glass as per ARAI approved)	Top portion fixed glass & bottom portion in two halves in horizontal sliding	Top portion fixed glass & bottom portion in two halves in horizontal sliding, Top portion fixed glass & bottom portion in vertical sliding, Fixed Glass, Aluminium Shutter type

	Top portion of fixed glass window & bottom portion in two halves in sliding pattern	No	Yes, No
	Passenger Compartment:- Roof light	YES	YES
	Over Head Storage cabinet/Railing	YES	YES, No
	Hand Rail,Hanging Hook,	Yes	Yes, No
	First Aid Box	Yes	*
	Swiveling Fan	For Driver	For Driver, For Passengers, Both Driver and Passenger, NA
	Mobile phone charging point	No	Yes, No
	Type of charging point	NA	USB type, Socket type, NA
	Exhaust Fan	No	Yes, No
	Other fitments:- Electric bell and Siren	No	Yes, No
	Fire Extinguisher	Yes	*
Performance Parameters	Warranty Time	1	1 Or higher
	Warranty Distance within warranty period	200000	Any applicable numeric value
	Battery Warranty	12	More than 12.0 Or higher
	No Of Free Service	2	*

* Specifications highlighted in bold are the Golden Parameters.

* Bidders may note that In respect of non-golden Parameters, the specifications 'Values' chosen by Buyer will generally be preferred over 'Bid requirement (allowed Values) by the Buyer.

Additional Specification Documents

Consignees/Reporting Officer and Quantity

S.No.	Consignee/Reporting Officer	Address	Quantity	Delivery Days
1	Subhash Chandra Singh	800001,PARIWAHAN BHAWAN, BEERCHAND PATEL PATH, PATNA, BIHAR	25	60

Bid Specific Additional Terms and Conditions

1. Scope of supply (Bid price to include all cost components) : Only supply of Goods
2. Availability of Service Centres: Bidder/OEM must have a Functional Service Centre in the State of each Consignee's Location in case of carry-in warranty. (Not applicable in case of goods having on-site warranty). If service center is not already there at the time of bidding, successful bidder / OEM shall have to establish one within 30 days of award of contract. Payment shall be released only after submission of documentary evidence of having Functional Service Centre.

[This Bid is also governed by the General Terms and Conditions](#)

---Thank You---