

**PART-I**

**TECHNICAL CUM QUALIFICATION BID**

**NOTICE INVITING TENDER**

1.	Name of work	Body building work to be carried out for the buses bearing Reg. No. TN45 7175 & TN45 2879 (Old body to be completely removed and new body to be constructed)
2.	Location of work	At Contractors' work. Bus Body building should be carried out only at contractors' works.
3.	Estimated Value	Rs. 14.30 lakhs
4.	Earnest Money Deposit	Rs. 40,000/-
5.	Last Date for Receipt of Tenders	06-12-2013
6.	Date of Technical cum Qualification Bid Opening	06-12-2013
7.	Date of Price Bid Opening	Will be intimated separately to those who are technically qualified.
8.	Duration of work after releasing work order	75 days per Bus
9.	Guarantee Period for workmanship	12 (Twelve) Months from the date of actual completion of the entire work and handed over to Bharat Heavy Electricals Limited, Trichy.

The Tender documents can be down loaded from BHEL website / govt. website at free of cost.

<b>QUALIFICATION CRITERIA</b>		
<b>Sl.No.</b>	<b>Description</b>	<b>Vendor to specify details</b>
1	The vendor should submit following details which are necessary for qualifying their offer.	
1.1	Only those vendors, who have 3 years' experience in bus body building on LEYLAND Chassis, are eligible to participate in the tender.	
1.2	Name and postal address of the customer or company where similar bus body building has been done.	
1.3	Name and designation of the contact person of the customer with Phone, FAX no and email id.	
1.4	Along with Technical offer, the Vendor should submit one performance certificate from the customer for the satisfactory performance of the bus body building.	
1.5	BHEL reserves the right to verify the information provided by vendor. In case the information provided by vendor is found to be false / incorrect, the offer shall be rejected.	

**COMPANY PROFILE**

<b>Sl.No.</b>	<b>PARTICULARS</b>	<b>BIDDERS RESPONSE</b>
1.	Name of Company/Firm	
2.	Status of the Company/Firm	1.Proprietorship 2.Partnership
3.	Full address of the Company/Firm	
4.	Name of the Proprietor/Partner of the Company/Firm (in case of Partnership, deed copy should be submitted)	
5.	Registration No. and date of Company/Firm (copy should be enclosed)	
6.	Telephone/Fax No. of the firm	
7.	Company's PAN No: (copy should be enclosed)	
8.	Company's SERVICE TAX No: (copy should be enclosed)	
9.	Company's E-mail Address	
10.	P.F. Registration No.	
11.	E.S.I. Registration No.	

## SCOPE OF WORK

### NEW BUS BODY BUILDING: TN 45 7175 & TN 45 2879

**SCOPE OF WORK:**

Dismantling of existing bus body from the Ashok Leyland Viking Chassis and Construction of new bus body for the buses bearing Reg. No. TN45 7175 and TN 45 2879 (Old body to be completely removed and new body to be constructed.

**Number of Bus body to be built: 2 Nos.**

**SPECIFICATION:**

Name, model and year of chassis- Ashok Leyland Viking model **1990(for Bus No. TN 45 7175) and 1989(for Bus No. TN 45 2879)**

**Wheelbase : 210"**

**Chassis No. : ALEP 244432 (for Bus No. TN 45 7175)**

**Engine No. :ALEP 121477 (for Bus No. TN 45 7175)**

**Chassis No. : ALEN 229640 (for Bus No. TN 45 2879)**

**Engine No. : ALEN 105917 (for Bus No. TN 45 2879)**

Type of body structure(Tubular)- All steel

Rear over hang = 60% of wheelbase

Overall width - 2600 mm

Interior height - 1890 mm

Overall height - 2900 mm

Sl.No.	Description	Vendor to specify details
1.1	All steel body structural standard items are to be provided.	
1.2	All foundation channels 100mmX50mm are to be provided.	
1.3	All flooring work should be made by 12mm thick plywood and 16G Aluminium Chequered sheet.	
1.4	Wooden Reapers Konngu brand wood to be provided, 9mm Plywood to be provided entire portions of the roof structure and roof panel to be covered FRP coating with layer of CS mate.	
1.5	Front Shape - wind shield Glass single piece toughened rubber mounted and Rear Shape - single piece toughened Grey Glass, front Cowl with latest elegant look to be provided with 18G MS sheet.	
1.6	Driver door hinged type half door - 1 No. to be provided.	
1.7	Top ceiling 2.5mm thick laminated sheets, are to be provided in Length Wise, in the joints 1 1/4" Aluminium beading to be provided.	
1.8	Side Window Glass frames black colour powder coated Mazda Aluminium Extrusions with EPDM base nylon flocked Rubber channel. Window opening and closing should be sliding type.	
1.9	Entrance Door (Half Door) 2 nos. to be fitted for both front and rear. Front door should be in extreme front and rear door should be behind the rear wheel. Doors are manually opened type with two tower bolts and provision to lock both the doors from inside.	
1.10	An emergency door should be provided for school children as per MV act.	

**Enquiry No. 9241300196**

1.11	Footsteps are to be fabricated with suitable MS structure. Steps should be covered with 12mm thick plywood, over the Plywood Aluminium Chequered sheet to be provided. Handles 2 Nos. on each side of the entrance and exit to be provided. Steps height in the entrance and exit shall be suitable for school going children and aged people.	
1.12	All side window glasses to be provided by toughened light grey glass with sliding type.	
1.13	Side body panelling - right side, left Side from bare level to skirt angle level 18G Aluminium sheet to be provided.	
1.14	Inner Grab Rail two rows to the entire length of the bus body with 25mm powder coating ERW pipe 14G thick and 8 Nos. centre post to be provided	
1.15	<p><b>Electrification :</b></p> <p>a) New Concealed wiring with 4mm, 6mm LT cable for dash Board, Starting, charging and lighting circuits.</p> <p>b) Head light Lucas - TVS Make 4 Nos. with relay and flush type dim and bright switch. All Flush type switches should be of anchor make highly reliable latest type to be fitted properly.</p> <p>c) Roof lights are of 24v 11W white colour high quality CFL bulb 8 Nos. and one night lamp of blue colour at the centre of the roof.</p> <p>d) Front side park light with indicator assemblies and rear light assemblies each two sets.</p> <p>f) BHEL emblem (front,rear,side) to be provided.</p> <p>Front emblem board with lights and step lights for both entrance and exit sides are to be provided.</p> <p>g) Wind shield Wiper with Heavy duty Lucas TVS motor to be provided.</p> <p>h) 24v coach fan must be provided at driver's cabin.</p> <p>i) 24v high-low horn and reverse horn of 24v and buzzer to be provided.</p> <p>j) All old dash board accessories to be replaced by new ones.</p> <p>k) Suitable Battery box for placing 2 nos. of 130Ah battery to be fitted at appropriate place.</p>	
1.16	Rear view mirror 2 nos. and centre view mirror 1 no. to be fitted.	
1.17	Seat frames and upholstery for seat. Seat frames structure is made up of round inch ERW pipe 14G thickness. The ERW pipes are ISI make and are to be powder coated wherever necessary.Seat cushions 4" Thickness; Back rest 2" thickness covered with Synthetic Rexene, Seating capacity of 58+1=59 in all. Driver seat should be open end knitted and adjustable type. Specially designed driver partitioned area to be made.	
1.18	Primer - All the angles are to be painted with Red oxide, spray paint, PU paint, with our colour choice & Border Designs.	
1.19	Side window glass guard pipe with 5/8", ERW pipe 14G thickness to be fitted inside, 2 rows in each side.	
1.20	Clock 1 no. and First aid box (at the backside of driver) 1 no. to be fitted in proper place.	

**Enquiry No. 9241300196**

1.21	Engine bonnet to be covered by Rexene. Hanger for water bottle and one no. luggage carrier to be fitted inside of the bus.	
1.22	Front side white and rear side red colour reflector to be provided, as per MV act.	
2	<b>GENERAL CONDITIONS:</b>	
2.1	BHEL will send the bus to vendor works and take delivery from vendor works after completion of bus body building.	
2.2	Transit risk insurance will be borne by BHEL.	
2.3	First Stage inspection will be carried out by BHEL at your works after completion of dismantling of existing bus body.	
2.4	Second stage inspection will be carried out by BHEL at your works, after completing the body structural works.	
2.5	Third stage inspection will be carried out by BHEL at your works, after completing the bus body building, but before painting. Painting schedule will be given at that time.	
2.6	The Supplier has to complete the entire body building work within 75 days from the date of receipt of the bus.	
2.7	One year Warranty for workmanship and also for the materials.	
2.8	All removed items in the existing bus body are to be taken by the contractor and the rate should be quoted separately for the same.	
2.9	<p>The vendor should submit the rate for the materials, labour charges for removal of existing bus body &amp; new bus body building and old removed parts separately in their price bid.</p> <p>Combined L1 rates of the above three items (materials cost + labour charges minus rate for the old items) will be taken for consideration and order will be given to SINGLE CONTRACTOR.</p>	
2.10	<p>100% payment will be made after satisfactory completion and acceptance of work per bus by BHEL, within 45 days. No advance and intermediate payment will be made.</p> <p>(The cost of scrap will be deducted from the sum of material cost with taxes and labour cost with taxes and payment will be made per bus)</p>	

**Enquiry No. 9241300196**

**TERMS AND CONDITIONS**

1. The Bidders shall submit the offer in TWO PART BID SYSTEM (Part -I & II) as indicated below which shall be sealed in ONE OUTER ENVELOPE.
2. Envelope I- This sealed envelope should contain accepting all the above technical points together with un-priced commercial bid. This envelope should be clearly marked "Part I - Technical and commercial bid", indicating Enquiry No., Due Date and Address & Reference of the Bidder. Envelope I should contain sealed EMD cover indicating the enquiry detail and also it should contain copy of service Tax Registration certificate.
3. Envelope II - This sealed envelope should contain price details. This envelope should be clearly marked as - "Part -II Price bid", indicating Enquiry No., Due Date and Address & Reference of the Bidder.
- 4.Both the envelopes (Part I & II) shall be put in one cover, duly sealed, super scribing as offer for Enquiry No., and due date of opening, Name of the work and the address and reference of the Bidder.
5. The above offer should reach this office on or before the due date by 14.00 Hrs (IST). Late offers will not be considered.
6. Tender should not be addressed to any Individual's name, but only by designation to:

**THE SENIOR MANAGER  
MAINTENANCE&SERVICE / PLANNING,  
2&4 BUILDING,  
BHARAT HEAVY ELECTRICALS LIMITED,  
HIGH PRESSURE BOILER PLANT,  
TIRUCHIRAPALLI - 620 014.  
TAMIL NADU, INDIA.**

7. Tenders should be free from CORRECTION AND ERASERS, Corrections if any, must be attested. All amounts shall be indicated both in words as well as in figures.
8. Offers should be in ENGLISH and accompanied by detailed Point to point confirmation of the scope of work.

**OPENING OF TENDERS**

9. The Part I - Technical &unpriced commercial bid alone would be opened on the Tender opening date (as mentioned in the enquiry) by 14.30Hrs (IST).
10. The Part II - Price bid of technically suitable Bidders alone would be opened. The Technically suitable Bidders would be informed about the Price bid opening date.
11. Clarifications if any required by BHEL for Technical evaluation would be sought from Bidders before opening of Part II - price bid.
12. Earnest Money deposit is to be paid by the vendor along with offer. The value of earnest money deposit is Rs.40000/-. EMD is to be remitted in demand Draft only in favour of M/s BHEL, Trichy 14. EMD shall not carry any interest. EMD shall be enclosed along with the Part-I -Technical offer. The offer without EMD will not be considered for evaluation.

**Enquiry No. 9241300196**

13. Bidders who have already deposited One Time EMD of Rs. 2.00 lakhs with BHEL are exempted from submission of EMD for this tender. However a copy of 'One Time EMD' at BHEL Trichy submitted shall be enclosed along with the Offer.

14. Security Deposit shall be furnished by the successful vendor to the total contract value before starting the work. The rate of Security Deposit will be 10% of the contract value up to 10 Lakhs. Above Rs. 10 lakhs up to Rs.50 lakhs will be Rs.1 lakh + 7.5% of the contract amount exceeding Rs. 10 lakhs.

EMD of the successful vendor can be converted and adjusted against the security deposit. If the contractor fully performs and completes the works in all respect to the entire satisfaction of BHEL, Security Deposit will be released to the contractor after deducting all costs of expenses of other amounts that are to be paid to BHEL.

15. The Security Deposit shall not carry any interest.

**16. RETURN OF SECURITY DEPOSIT:**

If the contractor fully performs and completes the works in all respect to the entire satisfaction of BHEL, Security Deposit will be released to the contractor after deducting all costs of expenses of other amounts that are to be paid to BHEL.

17. **INSURANCE COVER FOR MEN & MATERIALS** The Contractor shall arrange necessary Insurance cover with appropriate Third Party Liability cover Personal Accident Policy as applicable for the workmen crew. If any accident/injury/loss occurs while erection of the crane, to any other persons/ public and the properties of BHEL/client/other agencies/third party, the contractor shall have to pay necessary compensation and other expense, so decided by the appropriate authorities.

18. The workmen of contractor should be covered under PF, ESI.

19. Safety precautions have to be ensured by the Contractor Depending on the work nature. Necessary work permit system and personal protective equipment's (PPE) such as electrical resistance rubber gloves, helmet, spectacle goggles, safety shoes, safety belt etc. as applicable to Mechanical works should be adhered while carrying out the work.

20. Applicable Taxes, if any should be mentioned separately.

21. The Contractor may visit to the BHEL Premises before quoting to access the quantum of work.

**IMPORTANT NOTE FOR SERVICE TAX**

1. A copy of Service tax registration Certificate shall be submitted along with the offer.

2. At the time of bill passing, the Contractor Shall submit the copy of the remitted Service tax challan of previous month/Quarter as proof of service tax remitted to tax authorities and also a Certificate Stating that "Service Tax Collected from BHEL has been remitted to tax authorities".

3. If the Contractor is not registered then a declaration shall be submitted along with offer that they are within the threshold limit.

**PART-II****PRICE BID**

**Name of work: Body building work to be carried out for the buses bearing Reg. No. TN45 7175 & TN45 2879 (Old body to be completely removed and new body to be constructed)**

**Contractors should fill the rate , sealed and placed in a Cover separately by super scribing as PART-II/PRICE BID, Name of work, Tender ref no due date on the Cover**

<b>Sl. No.</b>	<b>Description of work</b>	<b>Rate / Bus (in Rs.)</b>	<b>No. of Buses</b>	<b>Total value for two buses (in Rs.)</b>
1	Cost of the materials for bus body building.		2	
2	Labour charges for removal of existing bus body & new bus body building.		2	
3	Rate for old removed parts.		2	

**Note:**

1. Applicable taxes for material and labour charges shall be mentioned separately in the offer.
2. Combined L1 rates of the above three items (materials cost + labour charges minus rate for the old removed items) will be taken for consideration and order will be given to SINGLE CONTRACTOR for both the buses.
3. Buses will be given to the Contractor for bus body building one by one.