



Date: 06 February, 2012

To

**Subject: Request for Quotation of Driving Simulator (Light Motor Vehicle), Seat Belt Convincer, Visual Impairment Glasses and Cut Section for training motor engine on engine function. (International Bidding)**

Dear Sir,

BRAC, the largest NGO in Bangladesh, has currently taken an initiative to set up an international standard Training Institute for professional Drivers to abide by the rules and regulations of driving. In consequence, we are requesting for the Quotation of below items in your letter head pad under the following terms and conditions.

**1. Price Schedule:**

Package	Item	Description	Quantity	CFR Benapole/ Chittagong (In USD/ BDT)
Lot-1	Vehicle Simulator including separate instructor panel	For Light Motor Vehicle	01 (one) set	
Lot-2	Seat Belt Convincer	Without Crush Test Dummy	01 (one) set	
		With Crush Test Dummy (Optional)	01 (one) set	
Lot-3	Visual Impairment Glasses for day and Night testing	Glasses with Extreme impairment (for detecting Drug and Alcohol effect)	05 (five) nos.	
Lot-4	Cut Section Engine with separate Gear Box	Four Cylinder Four stroke Carburetor Car Engine (Petrol) & Separate Synchronous Gear Box	01 (one) set	
<b>Sub Total</b>				
Installation, testing and commissioning				
Training for 02 (two) days at local site				
Warranty for 01 (one) year including all types of hardware & software				
<b>Grand Total</b>				

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Registered in  
Bangladesh under  
The Societies  
Registration Act of 1860

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## 2. Terms and Condition:

a. **Manufactured/ Assembled:** China/ India/ Bangladesh.

b. **Quotation Submission:** Quotation must be submitted by **16 February, 2012**

- by courier to "BRAC Procurement Department, Ground floor, 75 Mohakhali, Dhaka-1212, Bangladesh" or
- by dropping to Quotation Box no-2 kept in front of BRAC Procurement Department or by Fax to 88028824525 or
- by email to: [procurement@brac.net](mailto:procurement@brac.net) cc to: [shafayet@brac.net](mailto:shafayet@brac.net).

c. **Price Quotation Criteria:** The prospective supplier (both local & international) must quote as per above price schedule either for total package (lot-1, lot-2, lot-3 & lot-4) or for individual lot (s).

d. **Delivery schedule:** Letter of Credit for the items shall be issued by **23 February 2012** and delivery, installation and training will have to be completed by **13 March 2012**.

e. **Offer Validity:** The quotation must be valid for **30 days** from the date of submission of quotation.

f. **Documentation:** The following documents will have to be provided with the quotation otherwise quotation may be treated as non responsive.

- (i) Copy of up to date Trade License or equivalent permission from the supplier's country's appropriate authority.
- (ii) Copy of up to date VAT and Tax Certificate from the appropriate authority.
- (iii) Bank Solvency Certificate
- (iv) Client List / Experience list in Bangladesh and abroad.
- (v) Local Agency Certificate (If applicable)
- (vi) Detail product brochure/catalog and demo videos (as softcopy) with their quotation. Selected supplier will have to provide the tutorial both in Hardcopy and Softcopy, list of hardware and spare parts, installation manual and other standard documents.

g. **Annual Maintenance Contract (AMC):** Supplier may provide terms & conditions and price of AMC applicable after warranty period only.

h. **Technical Specification:** Supplier must quote as per attached technical specification of simulator. Specification for other items will have to be provided by the supplier.

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### 3. Payment Terms:

Payment will be made through irrevocable Letter of Credit.

- (i) 80% payment of total cost will be made after delivery and
- (ii) Rest 20% of total cost will be made after installation, testing and training at local site.

BRAC will open the letter of Credit, insure the goods, clear the goods from custom and bear the transportation cost to local site.

Thanking you.

For BRAC,

  
**Muhammad Azizur Rahman**  
Head of Procurement

Enclosure: Technical Specification of Simulator.



## TECHNICAL SPECIFICATION

### VEHICLE SIMULATOR

#### a. Scope of supply:

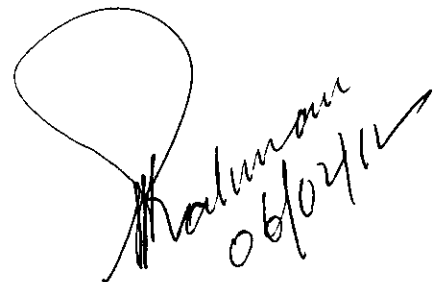
1. The simulator must have three major modes: a. LEARNING b. TRAINING & c. DRIVING
2. The simulator system must have 180° view with back view option and immersive driving environment which will look and feel like a real vehicle.
3. The software must be "State-of-the-art software" which will deliver sharp visuals and crisp images to enhance learning objectives. *(Detail learning objectives should be provided by the supplier)*
4. The simulator must have "Force-loaded steering" that will provide real-time feedback to improve muscle memory in situations such as tire blowout or sloshing loads.
5. The simulator system must have the detailed video demonstration for understanding the various vehicle controls including dashboard controls, Instrument Cluster, vehicle controls like clutch, gear, brake, accelerator, steering etc.
6. The simulator system must have the videos & practical training exercises for basic driving/ novice drivers like moving off, stopping using steering wheel, changing gears etc.
7. The simulator system must have the video demonstration and practical training exercises for drivers on merging, lane changing, hill driving and exercises with increasing level of difficulty.
8. The simulator system must have a High resolution graphics on displays that will provide unmatched realism.
9. The simulator system must have " New Scenario Builder Software" ensuring City drive/ Highway drive/ Hillside drive/ Airside drive/ Dessert/ Day drive/ Night drive/ Rain drive/ Fog drive/ Dawn & Dusk drive etc. *(drag and drop option to easily use scenario editor)*
10. The simulator system must have the training module that enables ecological driving & by teaching best driving skills to minimize the consumption of fuel and reduce the expense of driving.

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11. The simulator system must have the driver training on real world scenarios with increasing level of difficulty, which will take the trainee from elementary challenges to the full skill driving.
12. The simulator system must have the detailed assessment and feedback in a standardized format involving no human error.
13. The simulator system must have the Integrated hi performance 3D sound system producing realistic engine and real world sounds for highly immersive life like experience.
14. Separate Control Desk/ Panel for instruction must be incorporated with the simulator.

**b. Technical Data:**

- (1) Simulator Body Dimension (L X H X W):
- (2) Dimension of Control Panel for Instructor(L X H X W)::
- (3) Body Material:
- (4) No. & Brand of LCD Monitor:
- (5) Screen size of LCD Monitor:
- (6) No. and Brand of Processor:
- (7) No. & Brand of Motherboard:
- (8) No. , Brand & Capacity of RAM:
- (9) No. & Brand & Capacity of Hard Disc:
- (10) No. & Brand of DVD Drive with Writer:
- (11) No. of Keyboard & Mouse:
- (12) No. of USB, serial and parallel ports:
- (13) No. , Brand & Capacity of Graphics Card:
- (14) Speaker:
- (15) UPS/Power Back up:
- (16) Major Hardware (Driving kit):
- (17) Accessories:
- (18) Total Power Consumption:



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