

INVITATION FOR QUOTATION

TEQIP-II/2014/CG1G02/Shopping/51

12-Dec-2014

To,

Sub: Invitation for Quotations for supply of Goods

Dear Sir,

1. You are invited to submit your most competitive quotation for the following goods with item wise detailed specifications given at Annexure I,

Sr. No	Brief Description	Quantity	Delivery Period(In days)	Place of Delivery	Installation Requirement (if any)
1	Actual Cut Section Gear Box Car : (Sliding Mesh)	1	60	Principal GEC Jagdalpur	Yes
2	AIR BRAKE SYSTEM	1	60	Principal GEC Jagdalpur	Yes
3	CUT SECTION OF DISC BRAKE SYSTEM (WORKING)	1	60	Principal GEC Jagdalpur	Yes
4	CUT SECTION OF FOUR STROKE SINGLE CYLINDER ENGINE	1	60	Principal GEC Jagdalpur	Yes
5	Cut section of hydraulic brake unit four wheel type (cut sectioned and working with	1	60	Principal GEC	Yes

	two disc and two drum brakes)			Jagdalpur	
6	Cut Section of Mechanical Brake System (Working)	1	60	Principal GEC Jagdalpur	Yes
7	CUT SETION OF HYDRAULIC BRAKE UNIT FOUR WHEEL TYPE	1	60	Principal GEC Jagdalpur	Yes
8	CUT SETION OF FULLY FLOATING DIFFERNTIAL & REAR MECHANISM	1	60	Principal GEC Jagdalpur	Yes
9	Demonstration Differential Gear	1	60	Principal GEC Jagdalpur	Yes
10	Electrical ignition System of car	1	60	Principal GEC Jagdalpur	Yes
11	Four Stroke Four Cylinder Petrol Engine Test Rig with Morse Test	1	60	Principal GEC Jagdalpur	Yes
12	Single Cylinder Four Stroke Petrol Engine Test Rig	1	60	Principal GEC Jagdalpur	Yes
13	Single Cylinder Two Stroke Petrol Engine Test Rig	1	60	Principal GEC Jagdalpur	Yes
14	Study of a steering of car/jeep	1	60	Principal GEC Jagdalpur	Yes
15	Valve Timing Diagram	1	60	Principal GEC jagdalpur	Yes

16	Variable Compression Ratio Petrol / Diesel Engine Test Rig	1	90	Principal GEC Jagdalpur	Yes
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2. Government of India has received a credit from the International Development Association (IDA) towards the cost of the **Technical Education Quality Improvement Programme[TEQIP]-Phase II** Project and intends to apply part of the proceeds of this credit to eligible payments under the contract for which this invitation for quotations is issued.
3. Quotation,
 - 3.1 The contract shall be for the full quantity as described above.
 - 3.2 Corrections, if any, shall be made by crossing out, initialing, dating and re writing.
 - 3.3 All duties and other levies payable by the supplier under the contract shall be included in the unit price.
 - 3.4 Applicable taxes shall be quoted separately for all items.
 - 3.5 The prices quoted by the bidder shall be fixed for the duration of the contract and shall not be subject to adjustment on any account.
 - 3.6 The Prices should be quoted in Indian Rupees only.
4. Each bidder shall submit only one quotation.
5. Quotation shall remain valid for a period not less than **55** days after the last date of quotation submission.
6. Evaluation of Quotations,

The Purchaser will evaluate and compare the quotations determined to be substantially responsive i.e. which

 - 6.1 are properly signed ; and
 - 6.2 confirm to the terms and conditions, and specifications.
7. The Quotations would be evaluated for all items together.
8. Award of contract:

The Purchaser will award the contract to the bidder whose quotation has been determined to be substantially responsive and who has offered the lowest evaluated quotation price.

8.1 Notwithstanding the above, the Purchaser reserves the right to accept or reject any quotations and to cancel the bidding process and reject all quotations at any time prior to the award of contract.

8.2 The bidder whose bid is accepted will be notified of the award of contract by the Purchaser prior to expiration of the quotation validity period. The terms of the accepted offer shall be incorporated in the purchase order.

9. Payment shall be made in Indian Rupees as follows:

Delivery and Installation - 90% of total cost

Satisfactory Acceptance - 10% of total cost

10. All supplied items are under warranty of **12** months from the date of successful acceptance of items.

11. You are requested to provide your offer latest by **16:00** hours on **12-Jan-2015** .

12. Detailed specifications of the items are at Annexure I.

13. Training Clause (if any) **yes**

14. Testing/Installation Clause (if any) **Yes**

15. Information brochures/ Product catalogue, if any must be accompanied with the quotation clearly indicating the model quoted for.

16. Sealed quotation to be submitted/ delivered at the address mentioned below,
Government Engineering College, Jagdalpur, Dhramapura-3, Jagdalpur, Bastar

17. We look forward to receiving your quotation and thank you for your interest in this project.

(Authorized Signatory)

Name & Designation

Annexure I

Sr. No	Item Name	Specifications
1	Actual Cut Section Gear Box Car : (Sliding Mesh)	Four forward one reverse gear box with gear operating lever. Full size unit prepared from original second hand parts mounted on stand (A) Actual Cut Section Model of Gear Box (B) Actual Cut Section Model of Gear Box with Clutch Also enclose the model design, catalogue and other necessary details.Exclusively for Educational purpose.
2	AIR BRAKE SYSTEM	The model is made out of Original parts such as Air compressor, Unloader valve, foot valve, Booster, Wheel assembly, air tank, control valve etc Suitably sectioned and mounted on a sturdy iron frame.Also enclose the model design, catalogue and other necessary details.Exclusively for Educational purpose.
3	CUT SECTION OF DISC BRAKE SYSTEM (WORKING)	he Model is made out of Original parts such as Two Brake disc, two Caliper assembly (one sectioned), two master cylinder (one sectioned) etc, the model is mounted on a sturdy iron frame and can be demonstrated by operating the lever provided.
4	CUT SECTION OF FOUR STROKE SINGLE CYLINDER ENGINE	The engine and gearbox assembly, sectioning of maximum parts an accessories like Cylinder, Cylinder Head, Valve ports, Gear box, housing, Oil sump, etc will be carried out to show the internal constructional details such as Piston, Piston rings, Valves, cam, connecting rod ,etc. the model will be mounted on stand.
5	Cut section of hydraulic brake unit four wheel type (cut sectioned and working with two disc and two drum brakes)	This model contain two disc brakes in the front and two drum brakes at the rear and it is made out of original parts such as two master cylinder Assembly (one sectioned and one working), wheel cylinder, Brake drum, Brake Shoes, calipers etc., suitably sectioned and mounted on a sturdy iron frame.
6	Cut Section of Mechanical	This model is made out of full size original parts, suitably sectioned and to demonstrate the working of Steering

	Brake System (Working)	wheel worms, Steering arm, etc., is mounted on a sturdy iron frame
7	CUT SETION OF HYDRAULIC BRAKE UNIT FOUR WHEEL TYPE	This model contain two disc brakes in the front and two drum brakes at the rear and it is made out of original parts such as two master cylinder Assembly (one sectioned and one working), wheel cylinder, Brake drum, Brake Shoes, calipers etc., suitably sectioned and mounted on a sturdy iron frame.
8	CUT SETION OF FULLY FLOATING DIFFERNTIAL & REAR MECHANISM	This model is made out of original used heavy vehicle parts, suitably sectioned to show clearly the action of Differential gear box, such as pinion crown wheel in Differential and Brake drums in Rear axle, A Crank handle is provided to demonstrate the model. The model is mounted on a sturdy iron frame.
9	Demonstration Differential Gear	True to the original pattern, an all metallic model showing clearly the member of action of a differential gear box.The unit is with ail milling machine auto gears and essential parts such as rear axle with brake drum and wheel etc. Complete mounted on 45x45 cm. wooden base.
10	Electrical ignition System of car	The Model will give a complete idea of the electrical system of a car. In this demonstration model the actual wiring with parts and accessories of a car had been arranged, according to the electrical circuit of a car and terminals are Provided to connect the battery. By giving connection the working of individual partsSuch as Self starter, nator, Wiper Motor, Horn, Head lights, Tail lamps, Parking Lamps, Side indicators, Brake light, Distributor, Sparks of spark plugs, etc., can be Demonstrated. The parts sectioned to show the internal constructional details. This is a working demonstration model (battery not included in the rate).Also enclose the model design, catalogue and other necessary details.Exclusively for Educational purpose.
11	Four Stroke Four Cylinder Petrol Engine Test Rig	ENGINE: - 4 stroke, 4 cylinder, Water cooled, 10 HP,with provision to conduct Morse Test Brand New Assembled Engine with warranty. Make-reputed Speed: 1500 rpm No of

	with Morse Test	<p>cylinder: 4 Type of cooling: water cooled. Type of starting: Self start. Type of loading: Eddy current Dynamometer with warranty. PANEL BOARD: consisting of ignition & starting switch, ammeter, voltmeter, fuse carriers, a high voltage knife- switch assembly for cutting of each cylinder for Morse test. Fuel measuring System: fuel tank, burette, 3 way cock. Air intake measuring system: Air tank fitted with orifice & water manometer; Measuring system of heat carried away by cooling water (pipe with flow control valve, water meter & temp. sensor; Temp. Measuring system: Digital temp. Indicator and Analog with multichannel switch, all temp. Sensors should be RTD PT-100 type, Digital tachometer, stop watch, cooling arrangements; Battery unit: 12 volt with warranty. The whole set-up is to be mounted on M.S. structure with good quality paint; SAFETY: Suitable arrangements must be provided for overall user safety. MANUAL: 1) Two sets of instruction manual is required to be supplied along with the product, which describes the equipment in detail with experimental procedures. 2) Two sets of spare parts and maintenance manual with detailed drawing is required to be supplied with the product. INSTALLATION: The supplier shall arrange tools and consumables for installation at site to conduct test and demonstrate the user for all types of experimental as well as general maintenance procedures at the time of installation.</p>
12	Single Cylinder Four Stroke Petrol Engine Test Rig	<p>ENGINE: - 4 stroke, 1 cylinder, Air cooled, 3 HP Petrol Engine. Brand New Assembled Engine with warranty. Speed : 3600 rpm No of cylinder: 1 Type of cooling :air Type of loading : Eddy current Dynamometer with warranty. Type of starting :kick start/Self start. MOUNTING: Antivibration mounting, The whole set-up is to be mounted on M.S. structure with good quality paint . ACCESSORIES:Standard(to be provided for conducting Experiments) SAFETY : Suitable arrangements must be provided for overall user safety. INSTRUMENTATION:PANEL BOARD 1)'U' Tube manometer for air flow rate 2) Buerette for fuel flow rate. 3) Speed Indicator-Digital. 4) Digital Temperature indicator –</p>

		<p>Multipoint indicator with thermocouples 5) Digital Voltmeter, Ammeter. MANUAL: 1) Two sets of instruction manual is required to be supplied along with the product, which describes the equipment in detail with experimental procedures. 2)Two sets of spare parts and maintenance manual with detailed drawing is required to be supplied with the product. INSTALLATION :The supplier shall arrange tools and consumables for installation at site to conduct test and demonstrate the user for all types of experimental as well as general maintenance procedures at the time of installation.</p>
13	Single Cylinder Two Stroke Petrol Engine Test Rig	<p>"ENGINE: - 2 stroke, 1 cylinder, Air cooled, 2.5 HP. Brand New Assembled Engine with warranty. Speed : 2800 rpm No of cylinder: 1 Type of cooling :air Type of loading : Eddy current Dynamometer with warranty. Type of starting :kick start /self start. MOUNTING: Antivibration mounting ,The whole set-up is to be mounted on M.S. structure with good quality paint.. ACCESSORIES:Standard(to be provided for conducting Experiments) SAFETY : Suitable arrangements must be provided for overall user safety. INSTRUMENTATION:PANEL BOARD 1)'U' Tube manometer for air flow rate 2) Buerette for fuel flow rate. 3) Speed Indicator-Digital. 4) Digital and AnalogTemperature indicator –Multipoint indicator with thermocouples 5) Digital and Analog, Voltmeter, Ammeter. MANUAL: 1) Two sets of instruction manual is required to be supplied along with the product, which describes the equipment in detail with experimental procedures. 2)Two sets of spare parts and maintenance manual with detailed drawing is required to be supplied with the product. INSTALLATION :The supplier shall arrange tools and consumables for installation at site to conduct test and demonstrate the user for all types of experimental as well as general maintenance procedures at the time of installation.</p>
14	Study of a steering of car/jeep	<p>" This working model is made out of full size original parts, suitably sectioned and to demonstrate the working of Steering wheel worms, Steering arm, etc., is mounted on a sturdy iron frame. 1. Rack and Pinion type. 2. Worm and</p>

		roller type. 3. Recirculating ball type. 4. Power steering.
15	Valve Timing Diagram	With carburetor, spark plug, valve mechanism etc, complete with all salient parts sectioned for study of components, their functions and to plot valve-timing diagram on the single cylinder 4 stroke petrol engine.
16	Variable Compression Ratio Petrol / Diesel Engine Test Rig	Single Cylinder Four Stroke Water Cooled Vertical Diesel Engine to develop 5 HP @ 1500 RPM Electrical supply of 230V, Single Phase, 50Hz AC & external cooling water supply Two main components from main parts of the test rig. Welded steel base plate, complete with Rope Brake Dynamometer/ A.C. DC Generator/Eddy Current Dynamometer provided with cooling water arrangement. Panel board positioned over the base plate consisting of fuel system with flow measurement by burette, air flow measurement system, temperature and speed indicator.

FORMAT FOR QUOTATION SUBMISSION

(In letterhead of the supplier with seal)

Date: _____

To:

Sl. No.	Description of goods (with full Specifications)	Qty.	Unit	Quoted Unit rate in Rs. (Including Ex Factory price, excise duty, packing and forwarding, transportation, insurance, other local costs incidental to delivery and warranty/ guaranty commitments)	Total Price (A)	Sales tax and other taxes payable	
						In %	In figures (B)
Total Cost							

Gross Total Cost (A+B): Rs. _____

We agree to supply the above goods in accordance with the technical specifications for a total contract price of Rs. ————— (Amount in figures) (Rupees —————amount in words) within the period specified in the Invitation for Quotations.

We confirm that the normal commercial warranty/ guarantee of ————— months shall apply to the offered items and we also confirm to agree with terms and conditions as mentioned in the Invitation Letter.

We hereby certify that we have taken steps to ensure that no person acting for us or on our behalf will engage in bribery.

Signature of Supplier

Name: _____

Address: _____

Contact No: _____