



GOVERNMENT POLYTECHNIC, AURANGABAD.

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No. : GPA /Store/ 2017-18/ 360

Date: 25 JAN 2018

INVITATION FOR QUOTATION (Automobile eng dept.)

**Sub: Quotation for purchase of equipments- Automobile engineering department.
(Due Date 05/02/2018)**

Sealed Quotations are from eligible and interested manufacturers/ dealers/distributors/ for the following items on the terms and conditions mentioned below.

Sr. No.	Name of the item with required specification	Quantity required	Estimated cost per unit	Total Estimated cost
1.	Engine Decarbonising Machine : Engine Decarbonizing Machine can decarbonize any petrol/diesel engine and all forms of automobile vehicle. It has completely different detachable adapters for connecting machine with vehicle for easy operation. The digital timer is required for easy operation / controls of machine. The machine may be operated either on 230 vac \pm 100% or 12 vdc @ 10 amp. Battery provide. The heavy duty pressure regulator manufactured in Italy is provided to de-carbonize vehicle at desired pressure. The heavy duty in operational switches are given for maintenance free operation. Quick release couplers (qrc) are provided at the tip of connecting pipes to avoid chemical spillage. The machine sounds up the buzzer at the end of decarbonizing method.	1 No.	45,000.00	45,000.00
2	Engine Lifting Jib Crane (Hydraulic Type-2Ton Capacity) : Boom Length: 40- 63 / 1016-1600 mm. Base Length: 69 / 1753 mm. Boom Capacities: 4, 400 lbs / 1996 Kg. 3, 300 lbs / 1497 Kg.	1 No.	20,000.00	20,000.00
3	Cut Section Models of CRDI Engines : The Common Rail Systems are governed by an engine control unit (ECU) which opens each injector electronically rather than mechanically.1 Liter -1 Nos & other 1.5 Liter -1 Nos.	1 No.	40,000.00	40,000.00
4	Engine - Two wheeler : 100-150 cc Enigne	2 Nos.	20,000	40,000
5	Cut Section Models of Diesel Engines : The test rig consists of a 4-Stroke diesel engine of KIRLOSKAR make with suitably sectioned at different positions to visualize the parts and operation of valves. DEMONSTRATION CAPABALITIES: To study and understand the performance characteristics of the multi cylinder engine.	1 No.	45,000	45,000

	To draw Performance curves and compare with standards. To conduct Morse test to find approximate I.P of an engine. To draw Heat Balance Sheet.			
6	Torque Wrench : Features: Strong Mechanism Slim Head Positive lock to prevent accidental adjustment Range: AVT 100 A,AVT 300 A,AVT 600,EVT 1200A,EVT 2000A,EVT 3000A,HVT 5000,HVT 7200,GVT 8400	2 Nos.	15,000	30,000
7	Timing Gun : Power 4.8V rechargeable battery Output Voltage 80KV NET Weight 0.19KG Launched from within 5 meters (2.5 meters to 3 meters best) Electric shock to extend the time for 30 seconds Effect of about 1 inch arc through clothing Needle length 9MM This product can only use the machine matching charger. The charger into 220V power outlet, insert the plug into the host jack, charging 8 to 10 hours.	2 Nos.	3,000	6,000
8	Sensors :MAF,TPS,IAT,ECT,KNOCK,MAP,OXYGEN SENSOR,CKP,CMP : 1a wide range of Engine Temperature Sensors probes which are used for Temperature sensing in Automobile Engines, Diesel Engines & Gen Sets. All Sensor Sensors :MAF,TPS,IAT,ECT,KNOCK,MAP,OXYGEN SENSOR,CKP,CMP etc	1 No.	50,000	50,000
9	Turbocharger Assy. (3 Types) : Product Description: We are involved in providing Turbocharger Core Assy for Volvo Engine that is made using the best quality material and advanced techniques. Features: Longer service life,Low maintenance,Nominal costs,Precise dimension,Compact design.	3 Nos.	35,000	1,05,000
10	Belt Tension Gauge : Permits user to tension belts during installation, while engine is shut off, to maintain belt service life and performance. Use for tensioning all automotive V-belts up to, and including, 7/8 top widths. Easy to use. Scale reads in pounds and kilograms. Measures tension from 30 to 160 lbs., and 15 to 75 kg. Die-cast aluminum body, nylon Indicator arm and pressure pad. Fits in shirt pocket with stainless steel clip.	1 No.	17,000	17,000
11	Engine Cylinder Oil Pressure Dignostic Tester : Designed to check engine oil pressure in both cars and trucks. Easy to read dual scale gauge. Complete with 24" (600 mm) of oil proof hose with 1/8" NPT.	1 No.	4,000	4,000
12	Multiuse Oil Fuel Pressure Tester Gauge Kit for Car, Motorcycle, Truck, , SUV (0-300 psi Oil Pressure Tester) : Diesel Engine Compressor manufactured by us is well reckoned in the market for exceptional performance. These compressors are highly durable, superior finished and precisely designed by our skilled professionals using leading edge tools and techniques. Available with us in wide specifications, these compressors are quality tested under different parameters for ensuring defect free delivery to	1 No.	40,000	40,000

	customers.Features: User friendly operation Robust design High pumping efficiency			
13	Gear Box Trolley : Gear Box Trolley for removing gear boxes of Light & Heavy Commercial vehicle. Gear Box Trolleys for small & Light Commercial Vehicles Gear Box Trolleys for Medium & heavy Commercial Vehicles for (1150, 750, ZF & ETAN gear Boxes)	1 No.	35,000	35,000
14	Fluid Flywheel : The Working Model of Fuel Flywheel as supplied by us is well-known for its efficiency. These are meant for clients to understand the actual functioning method of the fuel flywheel. These are subjected to stringent tests by professional quality auditors prior to dispatch. These are supplied in an array of specifications to clients at affordable prices. We supply these damage-resistant flywheels to clients in sturdy and safe packaging within the stipulated frame of time. Priced economically, these are a must-have in any client's list. Features:Affordable,Reasonably priced,High efficiency	1 No.	35,000	35,000
15	Propeller Shaft (KW,CV) : all type of universal couplings , universal joints , u joints propeller shaft , ball joints , rod end bearings , heim joints , rod eyes , rod couplers , slef aligning couplers , hard chrome plated bar , induction harden hard chrome plated bar .	1 No.	32,000	32,000
16	Constant Velocity Joint (3 Types) : A constant velocity joint [C.V Joints] is a mechanical coupling in which the rotational speed of the output shaft is the same as that of the input shaft whatever the operating angle of the joint. Constant velocity joints because of their unique ability to overcome.	3 No.	16,000	48,000
17	Differential Assy , Differential Lock : Product Description: In our broad assortment of products, we are manufacturing and supplying superior-quality differential Case Assy to our precious clients. The offered range is available in various specifications and designs that best suits various desires of the clients. Features:High performance,Superior quality,Corrosion resistant.	2 No.	35,000	70,000
18	Axles -Live ,Dead , Front & Rear : Product Description: With the implementation of cutting edge technology and latest designing techniques, we offer front & rear axles. We make use of components of high quality like low permeation synthetic rubber tubes, synthetic yarns and perforated synthetic outer covers to manufacture our range of products. These are widely used in motor vehicles with CNG installations..	2 No.	21,000	42,000
19	Demo Set of Hydraulic Clutch : Complete Demo Assy of Hydraulic Clutch Actuation with all the Parts Like Clutch Master Cylinder ,Clutch Slave Cylinder ,Different Mechanisms etc.	1 No.	55,000	55,000

- Quantity of above equipments will be purchased as per availability of funds and all purchase process may be cancelled if funds will not be received by the head office.

TERMS AND CONDITIONS

- 1) The bid/quotation should be submitted in two bid format.
- 2) The first envelope will contain Technical specifications of the product, technical literature/ leaflet and other documents mentioned below.
 - A) Covering Letter for tender on the company letter head mentioning official address, Contact No, e Mail address and website (if available) address.
 - B) GST registration certificate/ Number
 - C) GST Clearance Certificate/ GST Challan for last quarter of the financial year.
 - D) Authorization/ Distributorship certificate from manufacturer. Proof of permission to manufacture the equipment/ item mentioned in the quotation from competent authorities (to be submitted if the bidder is not a manufacturer).
 - E) Technical literature / leaflet of the make and model no of equipment quoted.
- 3) Additional document may also be asked by undersigned for confirming the details.
- 4) The second envelope will contain the financial bid in which the all-inclusive rates F.O.R. Destination will be written and signed with the stamp of the establishment in the following format.

Sr. No.	Name of the item with specification	Quantity required	All inclusive cost per unit	All inclusive cost for quantity mentioned.
1				
2				

Date -
Place -

(Signature)
Rubber Stamp of Organization

- 5) The two envelopes should be sealed with a mention of the type of envelope (technical/ Financial), Reference No., due date and Date of opening the quotation on the front side of the envelope. These two envelopes should be sealed in a third envelope by giving heading “**Quotation for supply of equipments- Automobile engineering department**” and writing complete address of the undersigned.
- 6) On the quotation opening day, first envelope will be opened at first and documents (mentioned in condition No. 2 of this letter.) will be checked by the Purchase Committee. Second envelopes will be opened only for those suppliers which have sent the complete documents in first envelope mentioned in condition No. 2 of this letter.
- 7) **The quotations should reach the undersigned on or before 05/02/2018 at 5:30 pm.**
- 8) The material will be checked at this institute.
- 9) No extra charges will be paid for cartage, packing etc. for the material rejected and replaced.
- 10) **Quotations will be opened on 06/02/2018 at 3:00 pm.**
- 11) Rates should be valid for 6 months from the date of confirmation letter.
- 12) Materials should be quoted for standard makes and minimum pkgs. Delivery to the consignee has to be effected within 4weeks from the date of issue of purchase order. Payment will be released after delivery, successful installation and working trial at the concerned department of this Institute. Advance payments will not be done.
- 13) The undersigned reserves the right to accept or reject any offer or all offers without assigning any reason thereof.

Sd/
Principal,
Government Polytechnic, Aurangabad.