

Gautam Buddha University

Greater Noida – 201 308

BID FORM

FOR SUPPLY OF
LABORATORY EQUIPMENTS
to
School of Engineering

GAUTAM BUDDHA UNIVERSITY

GREATER NOIDA – 201308

www.gbu.ac.in

Gautam Buddha University

(SCHOOL OF ENGINEERING)

TENDER FOR MECHANICAL WORKSHOP EQUIPMENTS

Tender	Supply, installation, commissioning and trial operations of the instruments/equipment for Mechanical Workshop Laboratory
Opening Date:	10 th December, 2010
Closing Date :	10 th January, 2011 upto 3.00 p.m.
Bid Submission Date:	10 th January, 2011 upto 5.00 p.m.
Technical Bid Opening Date, Time & Place:	11 th January, 2011 on 2.00 p.m. at Registrar Conference Room, 1 st Floor, Administrative Building.
Earnest Money Deposit:	2% of the offered cost
Completion Period:	Within 4 weeks from the date of Purchase Order issued
Bid System	Two Bid System : 1) Technical Bid and 2) Financial Bid
Technical Bid Shall Contain	<ul style="list-style-type: none"> i. Technical specifications of each equipment ii. All documents in support of commercial terms & conditions and eligibility criteria. iii. Bidders Proforma
Financial Bid	The Financial Bid shall contain rate schedule only. The price shall be in words as well as in numeric numbers.

“TECHNICAL BID (BIDDER’S PROFORMA)” Form - 1
(To be submitted in separate envelope)

1. Name of the firm:
2. Date of incorporation.....
3. Name of the company – Government/Public Ltd/Private Ltd/Partnership/
Proprietorship:
4. Specify the number of years in this line of activity by the company:.....
5. Sales Tax/VAT registration No. (Please attach certificate) :
6. Experience (in year) of supplying & installation for similar laboratory equipments to IITs,
NIT’s or Central Universities or any Academic Institute of National Repute (please
attached certificate/P.O.) :
7. Turnover in the last three years (Figures should be in Indian Rupees in Lakhs; please
attach the certified copies of balance sheet) : (if the figures for 09-10 are not available
then they may furnish balance sheet of year 06-07)

8.

2007-08	2008-09	2009-10

9. Provide the postal address, telephone & fax numbers, and email address of the nearest
service center :
.....
10. What would be the delivery period from the date of the placement of an official
purchase order:
11. Enclose the list of customers to whom you have supplied /serviced during the last 3
years ending 31/03/2010 with full postal address and name of the contact person with
phone, FAX numbers, and E-mail-id, billing amount etc. Certificate regarding satisfactory
performance from the minimum three end users should be furnished.
12. Are you the manufacturer / authorized dealer / distributor/ reseller for the product
quoted (please attached relevant certificate):
13. Was there any elapse or delay in supplying the goods ordered or any service related
issue during the warranty period for the products supplied by your firm to different
Institutes/Universities during last three years? If yes, provide details.

14. Deviations in specifications, if yes, please mention in separate sheet.
15. Whether technical specification are attached with Technical Bid or not. Yes/No

DECLARATION

1. The rates quoted in financial bid are inclusive of all taxes, packing, handling and installation charges.
2. The information given in the financial bid by the undersigned is correct.

(SIGNATURE OF THE BIDDER)
WITH SEAL

NAME :

ADDRESS:

:

:

Tel./Mobile No. :

Note: The financial bid is required to be submitted separately in a sealed cover super scribing as 'Laboratory equipment for School of Engineering.'

“TECHNICAL BID (Form – 2)”
(To be submitted with technical bid)

A. MACHINE SHOP

Sl. No.	Name of Equipments	Make	Deviation from specified technical specification if any
1	Lathe machine		
2	CNC Turning Center		
3	CNC Machining Center		
4	Capstan lathe machine		
5	Shaping machine		
6	Universal milling machines		
7	Bench grinder		
8	Power hacksaw		
9	Slotter Machine		
10	Radial drilling machine		
11	Surface grinder		
12	Tool and cutter grinder		
13	Vernier calipers (Outside –inside and depth measurement) - non-digital		
14	Vernier calipers (Outside –inside and depth measurement) - digital		
15	Micrometer outside (non-digital)		
16	Micrometer outside (digital)		
17	Vernier Height gauge		
18	Universal vice		
19	Inside and outside Spring calipers set		
20	Surface plate		
21	Machine tools-turning, boring, threading, knurling, power saw blade, reamers, milling cutters, tool kit etc.(for all machine tools)		

B. FITTING SHOP

Sl. No.	Name of Equipments	Make	Deviation from specified technical specification if any
22	Combination set		
23	Hammer (All Types)		
24	Chisels		
25	Files (Rectangular, Round, Triangular)		
26	Hand hack saw frames		
27	Try square		
28	Punches (number)		
29	Scribers		
30	Center punch		
31	V-block		
32	Depth gauge		
33	Bevel protector		
34	Feeler gauge		
35	Angle plate		
36	Sine bars		
37	Slip gauges		
38	Threading die holder with set of dies		
39	Threading punch holder with set of dies		

C. WELDING SHOP

Sl. No.	Name of Equipments	Make	Deviation from specified technical specification if any
40	Electric arc welding machine complete		
41	MIG machine complete		
42	TIG machine complete		
43	Resistance welding		

Sl. No.	Name of Equipments	Make	Deviation from specified technical specification if any
44	Laser Beam welding		
45	Oxy-acetylene gas welding set equipment with regulator and other accessories*.		
46	Surface Plate		
47	Heavy duty (ordinary vices)		
48	Flat tongs		
49	Chipping hammers		
50	Goggles		
51	Eye shield		
52	Hand gloves		
53	Apron		
54	Steel wire brush		
55	Head shield		
56	Spark lighter		

D. FOUNDRY SHOP

Sl. No.	Name of Equipments	Make	Deviation from specified technical specification if any
57	Induction furnace with temperature controlled heating & melting system for aluminum and heat treatment for steel specimen		
58	Metal Melting crucible		
59	Metal Melting crucible		
60	Metal Melting crucible		
61	Tongs (For crucible removal)		
62	Tongs (For crucible handling)		
63	Bench Molding tables		
64	Molding box		
65	Molding board		

Sl. No.	Name of Equipments	Make	Deviation from specified technical specification if any
66	Sand pot		
67	Hand shovel		
68	Peen hammer		
69	Flat hammer		
70	Straight edge		
71	Smoother		
72	Vent wire		
73	Draw pin		
74	Sprue pin		
75	Brush		
76	Sliker		
77	Swab		
78	Riddle		
79	Cleaner for molds		
80	Mallet		
81	Gate cutters		
82	Spirit level		
83	Strike off bar		

E. SMITHY SHOP

Sl. No.	Name of Equipments	Make	Deviation from specified technical specification if any
84	Anvil		
85	Swage block		
86	Hand hammer		
87	Tongs		
88	Chisels		
89	Swages		

Sl. No.	Name of Equipments	Make	Deviation from specified technical specification if any
90	Fullers		
91	Flatters		
92	Punch & drift		
93	Steel scale		
94	Steel scale		
95	Calipers		
96	Black smith gauge		
97	Smith's forge		
98	Scriber		

F. SHEET METAL WORKING SHOP

Sl. No.	Name of Equipments	Make	Deviation from specified technical specification if any
99	Stamping / forging press		
100	Set of compatible dies for common sheet metal & forging operations		
101	Bench shear		
102	Snip straight		
103	Snip curved		
104	Stacks set with base		
105	Universal vice		
106	Mallet		
107	Soldering iron for sheet metal application		
108	Surface plate		

G. CARPENTRY SHOP

Sl. No.	Name of Equipments	Make	Deviation from specified technical specification if any
109	Wood working lathe machine		
110	Planning machine		

111	Jack plane		
112	Carpentry vice		
113	All wood working cutting & measuring tools		

Gautam Buddha University

(SCHOOL OF ENGINEERING)

(Technical Specifications of Required Equipments)

H. MACHINE SHOP

Sl. No.	Name of Equipments	Technical Specifications
1	Lathe machine	Height of centers- 260mm, Swing over bed- 575 mm, Swing over cross slide- 350 mm, Swing in gap (optional)- 800 mm, Distance between centers- 1500 mm, Spindle Nose/ Bore- A2-6*/ 53, Spindle speed range- 16 from 40-2040 forward & 7 from 60-143 reverse (rpm), Spindle power- 11kW.
2	CNC Turning Center	Maximum turning diameter between centers: 250 mm; Maximum turning diameter (chucking): 300 mm; Spindle power: Standard: 7.5 (30 min)/5.5 (cont) kW, Optional: 10 (30 min)7.5 (cont) kW; Spindle nose/bore: A2-6/53; Spindle speed: 100-4500 RPM; and CNC system: Hinerik 2000T (V2).
3	CNC Machining Center	Moving column type, table size of 600 mm x 400 mm, Y and Z axes movements on the column, X axis movement on table. Spindle with fast starting characteristics, 12-tool armless ATC with a set of tools
4	Capstan lathe machine	Width of bed- 151mm, centre height- 143mm, swing over bed- 286 mm, swinging over cross slide- 145mm, spindle nose- 10TPI- threaded nose, spindle bore diameter- 40 mm, collect capacity- 38mm, spindle speeds no.(forward reverse)- 12, range of speeds- 300-1400 rpm, cross slide tools to use- 3/8 x 3/8, cross slide travel- 150 mm, Turret slide travel- 125 mm, bore of turret hex- 25.4 mm.
5	Shaping machine	Length of Ram stroke- 457 mm, length of Ram- 914 mm, Length x Width of Ram Bearing- 711 x 245 mm, Max/ Min distance of table from Ram- 406/89, working surface from table- 381/279 mm, Max. horizontal table travel- 457 mm, Max. vertical table travel- 305 mm, angular movement of table- +60 DEG, Max. tool shank size- 30 x 16 mm, max. vertical travel of tool slide- 152 mm, max. swivel of tool head $\pm 60^{\circ}$, diameter of clutch pulley- 311, number of Ram speed/ strokes- 4, range of ram stroke per min.- 17 to 75, diameter of motor pulley- 89 mm, main motor drive 960 Rpm- 2 H.P
6	Universal milling machines	Spindle taper-ISO 30 (without face mounting facility), motor power-3HP, spindle speed- Infinitely variable, Swivel of milling head-45 either side in X- and Y- planes (degree), net weight-900 Kg.
7	Bench grinder	H.P – 1.00, Wheel Size (Diameter x Width x Bore) – 200 x 25 x 25.40, Spindle (RPM) – 2800
8	Power hacksaw	Stroke- 5.75", blade size- 16x1.25", capacity of round bar- 8", capacity of S.Q. Bar- 6", No. of strokes per minute- 80-100-120, Electric motor required (1440 RPM)- 1HP, L x W x H- 49" x 30" x 32", weight- 500 kg, packing Box size- 55" x 31" x 38".
9	Slotter Machine	Length of stroke Maximum- 250, Working Stroke- 225, RAM Adjustment- 175, Maximum Diameter Accommodated when Machine at center – 750, height

Sl. No.	Name of Equipments	Technical Specifications
		between table & Head- 375, Longitudinal Feed (Manual) – 325, Cross Feed (Manual) – 250, Dimension of table – 375, Number & Range of Speeds – 3(30-60-90), Motor Recommended – 2 HP 960 RPM, Net Weight – 1350 Kg.
10	Radial drilling machine	Drilling in steel-32mm, Drilling in cast iron-35mm, drilling radius – max/ min- 930/340, vertical traverse of arm-520mm, horizontal traverse of drill head- 590mm, drilling motor power-1.5kW, spindle speed-56-2800 rpm.
11	Surface grinder	Table clamping area- 600 x 200 mm, max. work height- 330 mm, max. job height on table- 180 kg, size of magnetic chuck- 600x 200 mm, Max. height of spindle centre above table- 460 mm, grinding wheel size (OD x W x ID)- 250x20x76.2, Wheel speed- 3220, 2440 rpm, grinding wheel motor- 2.2 kW, max. traverse- Long/ Cross/ Vertical- 630/230/360
12	Tool and cutter grinder	Centre height- 130 mm, swing- 280mm, swing with raising block- 370mm, admit between tailstock centers- 760 mm, admit between work head & tailstock centre- 615 mm, Max. job weight for cylindrical grinding- 15 kg, longitudinal travel- 510 mm, clamping area- 980 x 140 mm, cross traverse- 250 mm, tailstock taper- MT2, total power- 3 kW.
13	Vernier calipers (Outside –inside and depth measurement) - non-digital	Range 0-300 mm , Accuracy ± 0.05 mm, with fine adjustment, Mitutoyo® or equivalent make
14	Vernier calipers (Outside –inside and depth measurement) - digital	Range 0-150 mm , Accuracy ± 0.02 mm, Resolution 0.01mm, Mitutoyo® or equivalent make
15	Micrometer outside (non-digital)	Range 0-25 mm , Accuracy $\pm 2\mu$ m, carbide tips, least count 0.01mm, Mitutoyo® or equivalent make
16	Micrometer outside (digital)	Range 0-25 mm , Accuracy $\pm 1\mu$ m, carbide tips, least count 0.01mm, Mitutoyo® or equivalent make
17	Vernier Height gauge	Range 0-250 mm, Accuracy ± 0.04 mm, Resolution 0.02mm, Mitutoyo® or equivalent make
18	Universal vice	Jaw width 6 inches
19	Inside and outside Spring calipers set	Range 0-100 mm
20	Surface plate	3x3 feet
21	Machine tools-turning, boring, threading, knurling, power saw blade, reamers, milling cutters, tool kit etc.(for all machine tools)	Sandvik® or equivalent

I. FITTING SHOP

Sl. No.	Name of Equipments	Technical Specifications
22	Combination set	Mitutoyo® or equivalent make, Medium size with 12 inch arm
23	Hammer (All Types)	Taparia® or equivalent make (set)
24	Chisels	Cutting edge 16mm, length 150mm, Material Tool Steel, hard and tempered
25	Files (Rectangular, Round, Triangular)	Taparia® or equivalent make, 12 inch length
26	Hand hack saw frames	Taparia® or equivalent make, 12 inch
27	Try square	Taparia® or equivalent make, 6 inch
28	Punches (number)	Taparia® or equivalent make
29	Scribers	Taparia® or equivalent make
30	Center punch	Taparia® or equivalent make
31	V-block	Taparia® or equivalent make
32	Depth gauge	Mitutoyo® or equivalent make, Range 0-250 mm, Accuracy ± 0.04 mm, Resolution 0.02mm, Carbide tipped scriber
33	Bevel protector	Mitutoyo® or equivalent make,
34	Feeler gauge	Mitutoyo® or equivalent make,
35	Angle plate	Taparia® or equivalent make,
36	Sine bars	Taparia® or equivalent make,
37	Slip gauges	Mitutoyo® or equivalent make,
38	Threading die holder with set of dies	Taparia® or equivalent make,
39	Threading punch holder with set of dies	Taparia® or equivalent make,

J. WELDING SHOP

Sl. No.	Name of Equipments	Technical Specifications
40	Electric arc welding machine complete setup	RATED INPUT POWER: 18KVA, OCV: 72V, CURRENT RANGE : 40-400A, 60% Duty cycle : 400A, Inverter based, 100% DC : 310a PF : 0.93, Efficiency :85%, Dimension : 565 x 283 x495mm,Weight : 40kgs
41	MIG Welding machine complete setup	Type- Heavy Duty constant potential / constant current type with completely digitized control, inverter type IGBT based Synergic power source, suitable for MIG/MAG and Synergic pulse CO ₂ Welding The main transformer of the power source shall be wound with super class enameled copper wire/strip with H class insulation, Output current range, 5 - 420 Amps. DC, Input power supply 415 \pm 20%, 50 Hz, 3 Phase four wire system, Current rating at 10 min/40°C duty @ 60%-420

Sl. No.	Name of Equipments	Technical Specifications
		Amps. cycle time.@ 100% - 360 Amps., Open circuit voltage(MAX.) 92 volt DC, Connection capacity @60% duty cycle Not more than 20 KVA, Power Factor without capacitors 0.99, Efficiency 89%, Inverter based.
42	TIG machine complete	<p>Nomenclature : TIG & MMAW ferrous material welding plant</p> <p>Type: Inverter IGBT (Insulated bipolar field effect transistor digital signal based Synergic TIG welding power source) Control: Digital signal microprocessor synergic in nature, single dial. Having active wave resonant technology.</p> <p>Input supply : 400 V (-25% to +20%) , Frequency : 50Hz, Setting current: 5-300A, Welding Voltage 10.2V – 40.0V, Duty Cycle 60% D.C : 351A, 100% DC : 300 A,</p> <p>OCV : 93V, Mains Voltage tolerance : 3x400V (-25% To +20%), Power connected At 60%DC, : 8.3KVA, At 100% DC: 12.0KVA, Recommended rating: 17.7KVA (in case of power failure), Rating fuse : 3x16A</p> <p>Power factor : 0.99, Efficiency:89%</p> <p>Dimension : 1100X454X951mm</p> <p>Weight : 130Kg</p> <p>Water max flow rate : 5 l/min</p> <p>Max output pressure : 3.5bar</p> <p>Tank Capacity :4.75L</p>
43	Resistance welding	Spot, Resistance welding with set of electrodes, electrodes cooling facility, mechanical operated, (Light duty)
44	Laser Beam welding Machine Complete Setup	Light duty application with standard specification
45	Oxy-acetylene gas welding set equipment with regulator and other accessories*.	<p>i)Acetylene Regulator – Double state</p> <p>ii) Oxygen Regulator – Double stage iii) Hose pipe – (Red) for acetylene diameter 08m, length 5 m</p> <p>iv) Hose pipe – (Black or Blue) for acetylene diameter 08mm, length 5 m</p> <p>v) Gas welding torch – 2HP (High pressure),with 6 no's Nozzles vi) Hose connection (Non Return Valve)- required Hose Pipe.</p> <p>vii) Hose Clip – required Hose Pipe</p> <p>viii) Flash back arrestors for Acetylene and Oxygen Regulator/Hose pipe purpose 01 no each.</p> <p>ix) Tip cleaner 01 no</p> <p>x) Acetylene cylinder 45 Kg capacity</p>

Sl. No.	Name of Equipments	Technical Specifications
		xi) Oxygen cylinder 45 Kg capacity. * All accessories should be ISI Standard.
46	Surface Plate	3x3 feet
47	Heavy duty (ordinary vices)	Jaw length 6" and opening 9" with clamping bolts
48	Flat tongs	12 inch long,
49	Chipping hammers	Taparia® or equivalent make.
50	Goggles	ISI / AWS grade
51	Eye shield	ISI / AWS grade
52	Hand gloves	Leather, ISI / AWS grade
53	Apron	Leather, ISI / AWS grade
54	Steel wire brush	SS wire strands on SS base
55	Head shield	ISI / AWS grade
56	Spark lighter	ISI / AWS grade

K. FOUNDRY SHOP

Sl. No.	Name of Equipments	Technical Specifications
57	Induction furnace with temperature controlled heating & melting system for aluminum and heat treatment for steel specimen	Electrical Kantar wire induction furnace with variable temperature regulator for melts upto 2000 ⁰ C melting temperature and digital display panel board, for volume of melt upto 10 Kg aluminum and all accessories
58	Metal Melting crucible	Graphite crucible for volumes of aluminum with 3 Kg weight.
59	Metal Melting crucible	Graphite crucible for volumes of aluminum with 5 Kg weight.
60	Metal Melting crucible	Graphite crucible for volumes of aluminum with 10 Kg weight.
61	Tongs (For crucible removal)	5 feet Long
62	Tongs (For crucible handling)	3 feet Long
63	Bench Molding tables	1x1 m, metallic top, 3 ½ feet height
64	Molding box	Two piece, male and female, medium size
65	Molding board	Compatible with mold boxes

Sl. No.	Name of Equipments	Technical Specifications
66	Sand pot	Container to house 20 Kg molding Sand
67	Hand shovel	Taparia® or equivalent make
68	Peen hammer	500 gms weight with wooden handle
69	Flat hammer	1 Kg Weight with wooden handle
70	Straight edge	Taparia® or equivalent make
71	Smoother	Taparia® or equivalent make
72	Vent wire	Taparia® or equivalent make
73	Draw pin	Taparia® or equivalent make
74	Sprue pin	Taparia® or equivalent make
75	Brush	-
76	Sliker	-
77	Swab	-
78	Riddle	Medium size with SS mesh with light weight with handles
79	Cleaner for molds	-
80	Mallet	Plastic face
81	Gate cutters	Taparia® or equivalent make
82	Spirit level	Taparia® or equivalent make
83	Strike off bar	Taparia® or equivalent make

L. SMITHY SHOP

Sl. No.	Name of Equipments	Technical Specifications
84	Anvil	Medium size
85	Swage block	Medium size
86	Hand hammer	1 Kg weight with handle
87	Tongs	1 feet long
88	Chisels	Taparia® or equivalent make
89	Swages	Taparia® or equivalent make
90	Fullers	Taparia® or equivalent make

Sl. No.	Name of Equipments	Technical Specifications
91	Flatters	Taparia® or equivalent make
92	Punch & drift	Taparia® or equivalent make
93	Steel scale	6 feet long, Mitutoyo® or equivalent make
94	Steel scale	1 feet long, Mitutoyo® or equivalent make
95	Calipers	Mitutoyo® or equivalent make
96	Black smith gauge	Mitutoyo® or equivalent make
97	Smith's forge	-
98	Scriber	Taparia® or equivalent make

M. SHEET METAL WORKING SHOP

Sl. No.	Name of Equipments	Technical Specifications
99	Stamping / forging press	Capacity 10 tons, C- Frame, Crank Shaft Diameter- 60, stroke adjustment – 651, hole in Ram – 25.4, hole in Bed – 76, Length & width of Bed – 381*225, Dist. Bed to Ram – 205, flywheel diameter – 435, stroke per minute – 75, H.P Required – 1, Weight Approx. – 500.
100	Set of compatible dies for common sheet metal & forging operations	As per Press specification
101	Bench shear	Medium size, blade length 1 feet
102	Snip straight	Medium size
103	Snip curved	Medium size
104	Stacks set with base	-
105	Universal vice	Jaw width 6 inch
106	Mallet	1 kg Plastic with handle
107	Soldering iron for sheet metal application	Medium size
108	Surface plate	2x2 feet

N. CARPENTRY SHOP

Sl. No.	Name of Equipments	Technical Specifications
109	Wood working lathe machine	Centre distance 3 feet, swing over bed 6 inches
110	Planing machine	Electrically operated (medium size)

111	Jack plane	3 inches blade width
112	Carpentry vice	Jaw width 9 inches
113	All wood working cutting & measuring tools	Taparia® or equivalent make

GENERAL TERMS AND CONDITIONS

1. Detailed information about equipments, specifications are available in tender document which can be downloaded from the University website www.gbu.ac.in.
2. Offer should be submitted in two parts, in two separate envelopes; 1) **Technical Bid** and 2) **Financial Bid**. These two envelopes shall be sealed in a common cover and addressed/sent to **The Registrar, Gautam Buddha University, Greater Noida, Gautam Budh Nagar -201308 (U.P.)** super scribing "**Tender against Tender Notification Advt.:GBU/S&P/02/2010, Name of supply: Mechanical workshop Laboratories Equipments**" so as to reach us on or before last day of submission.
3. The Technical Bid and Financial Bid should be duly filled up.
4. The technical bid of the bidders will be opened first and the financial bid will be opened only of technically qualified.
5. The "**Technical Bid**" shall contain all documents in support of offered equipment specifications, commercial terms & conditions and eligibility criteria along with the page number for cited specifications in the company brochure for the particular item.
6. The "**Financial Bid**" shall contain rate schedule only. The price shall be in words and numeric numbers both.
7. **Eligibility Criteria:** All the participating suppliers/firms or principal manufacturer-should meet the following qualifying criteria. The firm should be a registered supplier for such supplies. Following documents are required to be submitted with Technical Bid, to qualify eligibility criteria:
 - (a) Sales Tax/VAT registration certificate.
 - (b) PAN and TIN number should be mentioned.
 - (c) The firm should have experience of supplying & installation for similar laboratory equipments to institute of National repute such as IIT, NIT's, and central Universities etc. The company should also furnish a list of clients of last 5 years.
 - (d) The firm should have minimum average annual turn-over of **Rs. 1.0 Crore** for previous *three* financial years. Audited balance sheet for previous *three* financial years should be submitted.
 - (e) Name of branch offices & service centers after sales arrangements.
 - (f) Earnest Money Deposit (EMD) **as 2% of the offered cost** and the **cost of the tender** (separately) are required to be submitted in the form of DD/Banker's cheque only, drawn in favour of "Finance Officer, Gautam Buddha University" payable at "Greater Noida" along with the Technical Bid, failing which the bid will not be entertained.
 - (g) Authorized signatory should sign on all pages. Bids without authorized signature will be rejected.
8. Offer should be sent in a sealed envelope, submitted either in person or by post on which name and address of the supplier/firm shall be written. Tenders received through E-mails or FAX will not be considered.
9. The technical bids will be opened on scheduled date and time in the presence of the vendors present with authorization letter from the respective companies/firms. Suppliers intending to attend the tender opening should intimate in advance.
10. The rate quoted should be F.O.R. Gautam Buddha University (Gautam Budh Nagar, UP) in rupees inclusive of all charges e.g. packing, forwarding local taxes, railway freight, transit insurance, for outside firms and free delivery at University stores in the case of local firms. The total price should include all accessories (s) required for final installation of the equipment.
11. The equipment should have USEPA/International/National validation certificates, wherever applicable.

12. The cost of the tender is Rs.1000/- (Rupees One Thousand) inclusive of taxes (Nonrefundable) and it shall be paid separately in the form of DD/Banker's Cheque only drawn in favour of "Finance Officer, Gautam Buddha University" payable at "Greater Noida".
13. The bidder must be either sole manufacturer of the instruments /equipment or the authorized agent/representative of the manufacturer. In the case of agent/representative, certified copy of the agency/authorization issued by the manufacturer should be enclosed with the tender.
14. The EMD of the successful bidder will be refunded **two** month after completion of the supply and installation of the equipment to the satisfaction of the Gautam Buddha University. If supply is not made within the prescribed period EMD would be forfeited. The EMD of the unsuccessful bidders will be returned to the concerned immediately after finalization of the tenders. No interest will be paid on EMD in any case.
15. Tenders should preferably be given only for those articles which are available ex-stock. Other items should be quoted separately giving the delivery period. Rates of imported goods should be quoted excluding custom duty, as this University is exempted from payment of custom duty (by letter of Department of Scientific and Industrial Research, Ministry of Science & Technology, GOI).
16. Detailed specifications and "Make" of each item should be clearly given supported by the illustrated pamphlets wherever possible. Quotations without specifying the make and other particulars may be rejected. The payment will be made after the goods have been received, opened, checked and found to be in order up to our entire satisfaction. The accessories included in the equipment should also be clearly mentioned.
17. Losses or damage in transit will be in to the account of the Supplier. The supplier may, if he so desires, get the goods insured and include such charges in the tendered rate.
18. Offered rates should be valid at least for two months from the last date of receipt of tenders.
19. All legal proceedings, if necessity arises to the University may be any of the parties (University or Contractor/Supplier) shall have to be lodged in the courts situated at Gautam Budh Nagar and not elsewhere.
20. (a) The equipment delivery time should be preferably within 2 week after the date of issuance of the purchase order. If the delivery time is quoted more than 2 weeks, GBU reserves all rights to permit the bidder to compete.

(b) The Penalty Clause is as under :-

Should the bidder fail to deliver the goods within the period specified in the Tender, the Competent Authority may, at his discretion, allow an extension in time subject to recovery from the bidder as agreed liquidated damages, and not by way of penalty, a sum equal to the percentage of the value of tender amount which the bidder has failed to supply for period of delay as stated below :-

i.Delay up to one week	1%
ii.Delay exceeding one week but not exceeding two weeks	2%
iii.Delay exceeding two weeks but not exceeding one month	5%
iv.Delay exceeding one month	5% for each month and part there of subject to maximum 10%

(c) In case of failure to supply the goods within the prescribed time and in accordance with the specifications given in the Quotations, the University shall be free to cancel the order.

21. The University's term for payment is 90% against delivery of items in good condition and satisfactory installation; and balanced 10% payment shall be made after 60 days of satisfactory working of the items. For this, the firm has to raise bill/letter for balance payment.
22. The price quoted should be in Indian Rupees. 100% payment will be made only after installation and commissioning. No advance payment will be made.
23. No revision of price bid will be allowed once the price bids are opened.
24. No increase in price will be allowed after our purchase order(s) are placed.
25. The warranty period should be clearly mentioned. The maintenance charges (AMC), if applicable, under different schemes after the expiry of the warranty should also be mentioned in a separate sheet.
26. A warranty certificate against all the manufacturing defects covering for a period of minimum one year from the date of installation shall be given at the time of supply of the equipment. Any additional period towards warrantee will be given weightage in evaluation of the bids.
27. Inspection certificates of the instruments/ equipment inspected by the qualified engineer of the manufacturer and packed in accordance with the terms and conditions of this order must be enclosed.
28. During the warranty period or later whenever the firm is called upon to attend to the rectification of the defects/faults in the consignments, the firm shall attend to the repair work within a period of a week. They should render timely back up service whenever called upon. A certificate to the effect should be attached to the tender.
29. A certificate to the effect that instruments/equipment supplied is fully operational and no additional accessory or space is required to make the instruments/equipment run should be issued along with the delivery challans/invoice. GBU reserves the right to refuse payment in the event of not furnishing this certificate at the time of supply.
30. Complete user, technical and service documentation and spare parts catalogue are to be provided along with the supply of the item.
31. Failure to comply with all the terms and conditions mentioned herein would result in the tender being summarily rejected.
32. Vendors are informed that once the companies are shortlisted based on the eligibility criteria and technical specification, only then the financial bids of the firms that meet the eligibility criteria, technical specification / requirements would be opened.
33. Conditional tenders will not be accepted.
34. Any cutting and overwriting in the financial bid will not be accepted.
35. GBU reserves the right to change the order quantity or split the orders among multiple vendors without assigning any reason (s) whatsoever.
36. GBU reserves the right to reject any or all the tenders without assigning any reasons whatsoever.

Registrar
Gautam Buddha University

ACCEPTANCE

We accept the above terms and conditions and shall comply with them strictly.

SIGNATURE OF THE AUTHORISED SIGNATORY :
NAME OF THE SUPPLIER :
ADDRESS :
.....
.....

FINANCIAL BID FORM FOR MECHANICAL LAB. EQUIPMENTS

1. Name of Firm/Agency _____
2. Address of the firm _____

S.N	Item (As specified in Tender document)	Qty.	Unit price (Rs.)	Total amount	
				In Rs.	In words
1.	Lathe machine	04			
2.	CNC Turning Center	01			
3.	CNC Machining Center	01			
4.	Capstan lathe machine	01			
5.	Shaping machine	01			
6.	Universal milling machines	01			
7.	Bench grinder	01			
8.	Power hacksaw	01			
9.	Slotter Machine	01			
10.	Radial drilling machine	01			
11.	Surface grinder	01			
12.	Tool and cutter grinder	01			
13.	Vernier calipers (Outside –inside and depth measurement) - non-digital	04			
14.	Vernier calipers (Outside –inside and depth measurement) - digital	02			
15.	Micrometer outside (non-digital)	04			
16.	Micrometer outside (digital)	02			
17.	Vernier Height gauge	01			

18.	Universal vice	06			
19.	Inside and outside Spring calipers set	06			
20.	Surface plate	01			
21.	Machine tools-turning, boring, threading, knurling, power saw blade, reamers, milling cutters, tool kit etc.(for all machine tools)	05 of each			
22.	Combination set	02			
23.	Hammer (All Types)	06			
24.	Chisels	06			
25.	Files (Rectangular, Round, Triangular)	06			
26.	Hand hack saw frames	06			
27.	Try square	06			
28.	Punches (number)	01			
29.	Scribers	06			
30.	Center punch	06			
31.	V-block	02			
32.	Depth gauge	01			
33.	Bevel protector	02			
34.	Feeler gauge	02			
35.	Angle plate	02			
36.	Sine bars	02			
37.	Slip gauges	02			
38.	Threading die holder with set of dies	01			
39.	Threading punch holder with set of dies	01			

40.	Electric arc welding machine complete	02			
41.	MIG machine complete	01			
42.	TIG machine complete	01			
43.	Resistance welding	01			
44.	Laser Beam welding	01			
45.	Oxy-acetylene gas welding set equipment with regulator and other accessories*.	01			
46.	Surface Plate	01			
47.	Heavy duty (ordinary vices)	06			
48.	Flat tongs	06			
49.	Chipping hammers	06			
50.	Goggles	12			
51.	Eye shield	06			
52.	Hand gloves	12			
53.	Apron	06			
54.	Steel wire brush	12			
55.	Head shield	12			
56.	Spark Lighter	01			
57.	Induction furnace with temperature controlled heating & melting system for aluminum and heat treatment for steel specimen	01			
58.	Metal Melting crucible	02			
59.	Metal Melting crucible	02			
60.	Metal Melting crucible	02			
61.	Tongs (For crucible removal)	02			

62.	Tongs (For crucible handling)	02			
63.	Bench Molding tables	02			
64.	Molding box	06			
65.	Molding board	06			
66.	Sand pot	01			
67.	Hand shovel	06			
68.	Peen hammer	06			
69.	Flat hammer	06			
70.	Straight edge	06			
71.	Smoother	06			
72.	Vent wire	06			
73.	Draw pin	06			
74.	Sprue pin	06			
75.	Brush	06			
76.	Sliker	06			
77.	Swab	06			
78.	Riddle	01			
79.	Cleaner for molds	06			
80.	Mallet	06			
81.	Gate cutters	06			
82.	Spirit level	01			
83.	Strike off bar	06			
84.	Anvil	01			
85.	Swage block	01			
86.	Hand hammer	02			
87.	Tongs	02			

88.	Chisels	02			
89.	Swages	02			
90.	Fullers	02			
91.	Flatters	02			
92.	Punch & drift	02			
93.	Steel scale	02			
94.	Steel scale	06			
95.	Calipers	02			
96.	Black smith gauge	02			
97.	Smith's forge	02			
98.	Scriber	02			
99.	Stamping / forging press	01			
100.	Set of compatible dies for common sheet metal & forging operations	01			
101.	Bench shear	01			
102.	Snip straight	01			
103.	Snip curved	01			
104.	Stacks set with base	01			
105.	Universal vice	01			
106.	Mallet	06			
107.	Soldering iron for sheet metal application	02			
108.	Surface plate	01			
109.	Wood working lathe machine	01			
110.	Planing machine	01			
111.	Jack plane	06			
112.	Carpentry vice	06			

113.	All wood working cutting & measuring tools	06 each			
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Total cost of the offer is Rs. _____ in words (Rupees _____

_____. I
abide by all the terms & conditions of the tender.

SIGNATURE OF THE AUTHORISED SIGNATORY : _____

NAME OF THE SUPPLIER : _____

ADDRESS : _____

(Note: Please mention any variation in price of any item in case of bulk quantity)