



RAJIV GANDHI UNIVERSITY OF KNOWLEDGE TECHNOLOGIES

Basar , Nirmal District
Constituted under the Act 18 of 2008

Ref: RGUKT-B/Proc/ME/consumables & Non Consumables/2021-22, dt: 18.02.2022

NOTICE INVITING QUOTATIONS

Rajiv Gandhi University of Knowledge Technologies (RGUKT), Basar, invites sealed Quotations (single bid system) for supply of Lab Consumables and Non Consumables for Mechanical Engineering Department for RGUKT located in Basar, Nirmal District of Telangana State.

Last Date for Submission: 28.02.2022

Item description : as per Annexure-II

Terms & Conditions:

1. Interested bidders are requested to submit the competitive offer for the above items strictly as per the instructions and terms & conditions mentioned in this document.
2. The covers should be super scribed as “**Lab Consumables and Non Consumables for Mechanical engineering**”
3. The quotations must be accompanied with the following:
 - a. Bidder information sheet (Annexure-I)
 - b. Price offer (ANNEXURE-II)
 - c. Non refundable Processing fee of **Rs.1000/- (Rupees One Thousand only)** in the form of DD from any Nationalized/Scheduled Bank, drawn in favor of The Director, RGUKT, Basar, payable at Basar.
 - d. Copy of GST Registration Certificate.
 - e. Copy of PAN card
4. RGUKT reserves the right to reject any/all quotations (s) without assigning any reasons whatsoever. Canvassing in any form will be considered as disqualification from award of contract.
5. Conditions of the Contract:
 - a. The rates mentioned shall be valid for a period of 90 days.
 - b. The items must be delivered within **one week** from the date of purchase order. If the items are not delivered within the stipulated time, the supplier shall be liable to pay a penalty of 1% of the total order value for each delay of one week or part thereof and the amount will be deducted from the payment on account of purchase.

- c. **Payment terms:** 100% against satisfactory delivery and installation of the materials on getting satisfactory report from the authorities concerned.
- d. The prices should quote inclusive of all taxes, transportation, loading, unloading charges
- e. The payment shall be made through RTGS transfer on receipt of triplicate invoice along with advance stamped receipt.

6.

Submission of the quotation will signify the acceptance of all the terms and conditions of the contract. It will not be obligatory for the University to accept the lowest quotation & no explanation shall be given for the cause of rejection of quotation to any bidder.

7. Address for sending of sealed quotations:

Procurement Section, AB-3,
RGUKT- Basar, Mudhole Road,
Nirmal District, Telangana -504107.
Call:8074315707

Director

ANNEXURE-I

The bidder information sheet:

1	Name of the organization				
2	Year of establishment				
3	Complete postal address				
4	Name & Designation of Authorized person				
5	Phone No.				
6	Fax No.				
7	Email				
8	Nature of the firm (Proprietary/partnership/etc...)				
9	Bank Details of the Agency:				
	Bank Name				
	Bank Address				
	Bank Account Number				
	IFSC Code				
10	PAN No.				
11	TIN No.				
12	Total No. of branch offices in Telangana				
13	Bid Document Fee (Non refundable)	Amount Rs. :			
		DD No. : DD Date : Issuing Bank & Branch :			
14	Experience Details (if any):				
	S.No.	Name of the Organization (along with contact details)	Year of supply	Items Supplied	Item value

ANNEXURE-II

PRICE OFFER

Engineering Workshop						
Sno	Name of the Item	QTY(A)	Price	GST	Price with GST (B)	Total Price (A*B)
1	M.S. Rod (Dia 32 x 100mm length)	200 kg				
2	Brazed Tungsten Carbide Tip Single Point Cutting Tools	50 Nos				
3	Vernier's Calipers	10 Nos				
4	Cotton Gloves full hand cover (For lathe)	25 pairs				
5	Taparia make Allen key Set (150 mm Length)	2 sets				
6	M.S. Flat (50 x 30x 5mm)	120 Kg				
7	Hack Saw Blade With Alloy 1/2" 18 TPI	30 packets				
8	Hack Saw Frames	10 nos				
9	Flat Files (30 Cm Length)	5 Nos				
10	Triangular Files	5 Nos				
11	Square Files	5 Nos				
12	Try Square	5 Nos				
13	Half Round File	5 Nos				
14	Taparia Make Ball Peen Hammers	10 Nos				
15	Taparia Make Claw Hammers	5 Nos				
16	Steel Rules (1 ft)	10 Nos				
17	Center Punch	10 Nos				
18	Dot Punch	10 Nos				
19	Bentonite Powder	25 kg				
20	Rammers	15 Nos				
21	Strike Off bar (500 mm Length)	15 Nos				
22	Trowels (Medium size)	15 Nos				
23	Draw Spikes	15 Nos				
24	Lifters	15 Nos				
25	Vent Rod (Medium size)	15 Nos				
26	Gate Cutters	15 Nos				
27	Sprue Or Runner (Wooden)	15 Nos				

28	Riser (Wooden)	15 Nos				
29	Split Pattern	15 Nos				
30	Solid Pattern	15 Nos				
31	Plastic Scoops (to pouring sand)	5 Nos				
32	Plastic Tray Round Type	5 Nos				
33	Plastic Buckets	2 Nos				
34	Plastic Mugs	2 Nos				
35	Mangalam Arc Welding Electrodes - 6013-3.15 X 350 mm	40 packets				
36	Wire Brushes	5 Nos				
37	M.S. Flat (100 x50 x 5mm)	25 kg				
38	M.S. Flat (150 x 150 x 5mm)	75 kg				
39	Face Shields	5 Nos				
40	Oxygen Gas (Refilling gas only)	3 cylinders				
41	Acetylene Gas (Refilling gas only)	3 cylinders				
42	Leather Gloves Full Hand Cover (For Welding)	10 pairs				
43	Wire Bundles (Red)	6 no				
44	Wire Bundles (Blue)	6 No				
45	Wire Bundles (Black)	6 NO				
46	Taparia make Wire Strippers	20 Nos				
47	Taparia make Screw Drivers medium Size (150 mm Length)	10 Nos				
48	Taparia make Star Screw Drivers (150 mm Length)	10 Nos				
49	Lamp Holders (wall Fixing)	25 Nos				
50	40 W Blubs	10 Nos				
51	60 W Blubs	10 Nos				
52	PVC Insulation Tape	10 Nos				
53	Testers	10 Nos				
54	Screw Drivers Medium	10 Nos				
55	One Way Switches	10 Nos				
56	Two Way Switches	10 Nos				
57	Kerosene	15 liters				
58	Grease	5 Kg				
59	Cotton waste (Cloth type)	5 Kg				
60	Cotton waste (Thread type)	5 Kg				
61	Grinding Wheel- Smooth	5 Nos				
62	Grinding Wheel - Rough	5 Nos				

63	Taparia make Spanner Set open Type (6 to 32 No)	1 sets				
64	Taparia make Spanner Set ring Type (6 to 32 No)	1 sets				
65	Taparia make Box Spanner Set (6 to 32 No)	1 sets				
66	Taparia make (32 Pieces) Multi Screw Driver Set	1 Nos				
67	Surf hand For Wash	15 Kg				
68	Metal Cutting Wheels (BOSCH standrad Metal, RP 4300/ min, 80 m/s, Dia 355 x 3.0 x 25.4 mm, A30SBF)	20 Nos				

Manufacturing Process Laboratory

SI.NO	Material name with specification	Qty				
1	Mild steel work piece dia 32 & 100 mm long	150 kg				
2	Mild steel work piece dia 32 & 100 mm long	150 kg				
3	Mild steel work piece dia 40 & 500 mm long	75 kg				
4	Teak wood gear blank dia 100 mm & thick 20 mm	50 no.s				
5	Grinding wheel straight edge	2 no.s				
6	Arc welding electrode (mangalam) (big size box)	2 no				
7	Oxygen gas cylinder refilling (refilling only)	3 cylinder				
8	Acetylene gas cylinder refilling (only gas refilling)	3 cylinder				
9	Argon gas cylinder refilling (only gas refilling)	3 cylinder				
10	Oxygen gas cylinder pressure control valve	1 no.s				
11	Acetylene gas cylinder pressure control valve	1 no.s				
12	Mild steel flat 100x50x5 in mm	90 kg				
13	Aluminium flat 100x50x5 in mm	45 kg				
14	Mild steel flat 100x50x5 in mm	90 kg				
15	Tig welding tungsten electrode for mild steel material	4 pack				
16	Tig welding tungsten electrode for aluminium material	4 pack				
17	Cutting plier	2 no.s				
18	Electrical tester	2 no.s				
19	Brush for chip removal	10 no.s				
20	Cotton waste for machine cleaning (cloth type)	10 kg				
21	Vernier calliper	5 no.s				
22	Steel rule one feet	5 no.s				
23	Moulding sand (composition of silica sand,charcoal and bentonite powder)	50 kg				
24	Weighing machine zero gram to 5 kg (Digital type)	1 no.s				
25	Single point cutting tool brazed type	25 no.s				

26	Threading tool	5 no.s				
27	Knurling tool (diamond impression)	5 no.s				
28	Boring tool	2				
29	Round plastic tub(medium size)	2				
30	Plastic shovel	2				
31	Hand wash liquid type	10 ltrs				
Strength of Material Laboratory						
SI.NO	Material name with specification	Qty				
1	Mild steel flat 50*50*10 in mm	150				
2	Aluminium flat 50*50*15 in mm	150				
3	Mild stell rod dia 16mm and 1500 mm long	10				
4	Aluminium rod dia 16mm and 1500 mm long	10				
5	copper rod dia 16mm and 1500 mm long	5				
6	Mild steel sheet100*90*0.5 mm	50				
7	Aluminium steel sheet100*90*1 mm	50				
8	As per attached drawing / company drawing	150				
9	As per attached drawing / company drawing	150				
10	As per attached drawing / company drawing	150				
11	Mild steel rod dia 10 mm with cylindrical shape one meter long	1				
12	Aluminium rod dia 10 mm with cylindrical shape one meter long	1				
13	Mild steel rod dia 10 mm with square shape one meter long	1				
14	Aluminium rod dia 10 mm with square shape one meter long	1				
15	Mild steel rod dia 10 mm with traingular shape one meter long	1				
16	Aluminium rod dia 10 mm with traingular shape one meter long	1				
17	Copper rod dia 10 mm with cylindrical shape one meter long	1				
18	Copper rod dia 10 mm with square shape one meter long	1				
19	Copper rod dia 10 mm with traingular shape one meter long	1				
20	Mild steel flat 5 mm thick , 40 mm width and one meter long	1				
21	Aluminium flat 8 mm thick , 40 mm width and one meter long	1				
22	Copper flat 5 mm thick , 40 mm width and one meter long	1				
23	As per attached drawing / company drawing (cylindrical shape)	150				

24	As per attached drawing / company drawing (shank in square shape)	25				
25	Aluminium rod dia 25 mm and 50 mm long	150				
26	Mild steel rod dia 12mm and 50 mm long	50				
27	Mild steel flat 400*50*10 mm	25				
28	Fatigue test specimen (As per attached drawing / company drawing)	100				
29	Vernier calliper	3				
30	Screw gauge	3				
31	Dial gauge with stand	3				
32	Steel rule with one meter long	3				
33	Weights range in grams 10,20,50,100,200,250,500and 1000	Each 2sets				
34	Beam support frame	Each 2sets				
35	Weight applying pan with point load	Each 2sets				
36	Cut off machine	1				
37	Scissor or straight edge snipper for sheet metal cutting	3				
38	Nylon mallet (hammer)	2				
39	Ball peen hammer	2				
40	Tool box	2				
41	Electrical extension box	2				
42	Electrical tester	2				
43	Water steel glass	1				
44	Hand wash liquid	5 ltrs				
45	Grease	5 kg				
46	Servo 220 hydraulic oil	15 ltrs				
47	Cotton waste cloth type	5 kg				

Fuels and Lubricants lab

Sl.No.	Particulars	Qty.				
1	Measuring flask(100 CC)	10-Nos.				
2	Stop watch	10 Nos.				
3	Conical flask (100 CC)	10 Nos.				
4	Asbestos sheet board	10 Nos.				
5	Glass measuring bar 100 ML	10 Nos.				
6	Liquefied Petrol Gas (LPG) (Non Domestic cylinder) with lighter 19 kg	1 No.				
7	Corks	10 Nos.				

8	Rubber Tube	10 Nos.				
9	Thermo meter	10 Nos.				
10	Porcelain Crucible	10 Nos.				
11	Iron Crucible	10 Nos.				
12	Burner (small)	5 Nos.				
13	Grease NLGI Grade (0)	5 kg				
14	Grease NLGI Grade (1)	5 kg				
15	Grease NLGI Grade (2)	5 kg				
16	Lubricating oil SAE 20/SAE 40	5 liters				

Materials Engineering lab

Sl.No.	Particulars	Qty				
1	Cotton Absorbent	1000 gms				
2	Hydro fluric Acid	1000 ml				
3	Ferric Chloride Anhydrous	1000 gms				
4	Sodium Hydroxide pellets purified	1000 gms				
5	Lavigated Alumina Powder	1000 gms				
6	Ethanol AR 99.9%	1000 ml				
7	Hydrochloric Acid 35-38% LR	1000 ml				
8	Nitric Acid	1000 ml				
9	Picric Acid	1000 ml				
10	Copper Chloride	1000 ml				
11	Ammonia Hydroxide	1000 ml				
12	Silicon Carbide water proof paper with size 230*280(P 220)	1000				
13	Silicon Carbide water proof paper with size 230*280(P 400)	250				
14	Silicon Carbide water proof paper with size 230*280(P 600)	250				
15	Silicon Carbide water proof paper with size 230*280(P 800)	250				
16	Silicon Carbide water proof paper with size 230*280(P 1000)	250				
17	Silicon Carbide water proof paper with size 230*280(P 120)	250				
18	Rough Polishing Cloths (Velvet)	100				
19	Fine Polishing Cloths (Velvet)	100				
20	Abrasive Cutting Wheels - Dia 8 inch	5				
21	M.S. Rod - Dia 16 mm	10 kg				
22	EN 36 Steel Rod -Dia 16 mm	10 kg				
23	Gray Cast Iron -Dia 16 mm	10 kg				

24	Nodular Cast Iron-Dia 16 mm	10 kg				
25	White Cast Iron -Dia 16 mm	10 kg				
26	Stainless Steel Rod - Dia 16 mm	10 kg				
27	Aluminium Rod- Dia 16 mm	10 kg				
28	Copper Rod- Dia 16 mm	10 kg				
29	Hair Drier	4				
30	Crucible size (2 inch dia x 2 inch length)	5				
31	Crucible size (3 inch dia x 4 inch length)	5				
32	Vernier Caliper	4				
34	Crucibles size (2 inch dia x 2 inch length)	5				
35	Crucibles size (3 inch dia x 4 inch length)	5				

Metrology lab

Sl.No	Name of the Item	Required Quantity				
1	Profile Projector Base Lights (12 V)	5 No				
2	Batteries for Digital instruments (AA)	10 No				

Instrumentation lab

Sr. No.	Item	Quantity				
1	Strain gauges, 350 ohm	12				
2	Strain gauges adhesive kit	1				
3	Function generator 3MHz	1				
4	Digital storage Oscilloscope (2 channel, 50MHz)	1				
5	Multimeter	4				
6	Soldering iron kit	2				
7	Breadboard (180 × 70 × 1 cm)	10				
8	22 gauge Wire	5 m				
9	LCR meter	1				
10	BNC to crocodile cable	4				
11	Rotary potentiometer , (1kΩ)	5				
12	AA batteries for Tachometer (1.5 V)	8				
13	6F22 (9 V) battery for IR thermometer	2				
14	External Drive USB 3.0 Portable CD DVD RW Optical Drive	1				

Heat Transfer lab

Sl.No	Name of the Item	QTY				
1	Nicrome Wire dia 0.20 mm	100 meters				
2	Stop watches	10Nos				

3	First Aid Kit for Lab	1 set				
4	Open Type Spanner set (10 mm to 35 mm)	1 set				
5	Cutting Pliers	2 Nos				
6	Screw Driver Medium(15 cms Length)	1 No				
7	Normal Screw Driver Medium(15 cms Length)	2 Nos				
8	Star Screw Driver Medium(15 cms Length)	2 Nos				

Maintenance items For All Machines

1	Diesel	2 liters				
2	Grease	1 kg				
3	Cotton waste (Cloth type)	5 kg				
4	Cotton waste (Thread type)	5 kg				
5	Cotton Gloves full hand cover	10 Nos				
6	Surf hand For Wash	3 Kg				
7	Kerosene	5 liters				
8	Grease	1 kg				
9	Cotton waste (Cloth type)	5 kg				
10	Cotton waste (Thread type)	5 kg				
11	Cotton Gloves full hand cover	10 Nos				
12	Surf hand For Wash	5 Kg				

Fluid mechanics and Hydraulic Machines Lab

Sl.No	Name of the Item	Qty				
1	Mercury (Industrial use type)	2 Kg				
2	Stop Watch	15				

Applied Thermodynamics Lab

Sl.No	Name of the Item	Qty				
1	Petrol	20 Liters				
2	Diesel	25Liters				
4	Ammonia	3 liters				
5	Open Type Spanner set (10 mm to 35 mm)	1 set				
6	Cutting Plier	2 Nos				
7	Screw Driver Medium(15 cms Length)	1 No				
8	Normal Screw Driver Medium(15 cms Length)	2 Nos				
9	Star Screw Driver Medium(15 cms Length)	2 Nos				
10	Methane Gas Cylinder Valve	1 No				
11	Castrol Engine Oils for Engines Coolant	10 Liters				

Automation and Robotics Lab

Sl.No	Name of the Item	Required Quantity				
1	Aluminum Rod (Dia 32 x 100mm length)	30 Kg				
2	Cutting Tools set for MTAB CNC Lathe	1 Set				
3	Brass wire (with Copper Coated) 0.25 mm	5 Bundles				
4	Brass wire (with Zinc Coated) 0.25 mm	2 Bundles				
5	Aluminum Plates (150 x 150 x 5 mm)	70 Kg				
6	Base Plates for Modeling	30 Nos				
7	ABS -Model Material	6 Bundles				
8	Support Material	3 Bundles				
9	Nozzle Tips	5 Sets				
10	Aluminum Wire Spool	1 Bundle				
11	M.S. Wire Spool	1 Bundles				
12	Argon Gas (For TIG Welding) Refilling only	2 cylinder				
13	Carbon di-Oxide -Co2 Gas (For MIG Welding)	1 cylinder				
14	M.S. Plates (150 x 150 x 5 mm)	70 Kg				
15	Aluminum Plates (150 x 150 x 5 mm)	30 Kg				
16	Taparia make Alligen key Set 5 to 12 mm (150 mm Length)	1 No				
17	Taparia make Spanner Set open Type (6 to 32 No)	1 set				
18	Taparia make Cutting Plaiers medium Size	2 No				
19	Taparia make Wire Strippers	2 No				
20	Taparia make Screw Drivers medium Size (150 mm Length)	2 No				
21	Tapria make Star Screw Drivers (150 mm Length)	2 No				
22	Taparia Make Ball Peen Hammers	2 No				
23	Clear Vision goggles	10 Nos				
24	Cotton Gloves full hand cover (For lathe)	20 pairs				
25	Leather Gloves Full Hand Cover (For Welding)	10 pairs				
26	Grease	1 Kg				
27	Coolant Oil -white oil	10 Liters				
28	Cotton waste (Cloth type)	5 Kg				
29	Cotton waste (Thread type)	5 Kg				
30	Surf for Hand wash	10 kg				
Grand Total						

Note:

- 1) Price should be quoted for all the items listed in Annexure-II without overwriting.
- 2) Bids not quoted for all the items may summarily be rejected.
- 3) Contract shall be awarded to the firm(s) offering the lowest net bundled price and not with reference to the lowest prices quoted for the sub-items. However, if prices for each and every item not quoted, net bundled prices shall not be accepted.

**Signature of the bidder
along with seal**