

Rajiv Gandhi Institute of Technology, Kottayam

No. D3/2498/18/RIT

Dated: 07.05.2018

TENDER SCHEDULE

Superscription	: Tender No.D3/2498/18/RIT, Purchase of various items for the use of Advanced machine Tool Lab of ME Department
Last date and time receipt of tender	: 28/06/2018 2 p.m
Date and time of opening of tender	: 29/06/2018 2 p.m
Last date and time of sale of tender form	: 27/06/2018 2 p.m
Date upto which the rates are to be firm	: 31/03/2019
Cost of tender form	: Original Rs.560/- includes GST Duplicate Rs.336/- " " By Post Rs.595/- includes GST & postal charges
Address of the Officer from whom Tender Forms are to be obtained to whom tenders are to be send	: THE PRINCIPAL, RAJIV GANDHI INSTITUTE OF TECHNOLOGY, VELLOOR P.O, PAMPADY, KOTTAYAM, PIN - 686501

List of Items Required

<u>Details of items</u>	<u>Quantity</u>
1 list attached	

PRINCIPAL

List of items required

Sl.No	Item with specification	Quantity
1	Boring tool insert - Carbide for S20S SCKCR 09T3 WIDAX -95 Degree right hand cutting 20 mm dia. Shank 24 mm min, bore 250 mm long	5
2	Boring tool insert - Carbide - SI6Q SCLCR 09T3 WIDAX -16 mm shank, 180 mm length, 18 mm min bore	5
3	Tool holder PSSNR 2525 M12 WIDIA - for carbide insert with allen key. Turning tool holder 95 degree, right hand cutting 25 x 25 mm shank, 32 mm qualified width 150 mm long. Style S, 45 degree side cutting edge angle for negative square SNM inserts	3
4	Shim/packing for tool holder PSSNR 2525 M12 WIDIA	10
5	Tool holder PSSNR 2525 M12 WIDIA - for carbide insert with allen key. Turning tool holder 95 degree, Right hand cutting 25 x 25 nmm shank, 32 mm qualified with 150 mm long. Style L negative 5 degree degree side cutting edge angle for negative diamond CNM inserts	2
6	Shim/packing for tool holder PCLNR 2525 M12 WIDIA	10
7	Revolving centre MT3, HSS MT3, 2 mm to 60 mm body dia 2 to 5/16 inch, overall length 7 to 1/4 inch	5
8	Magnetic V-Block, 40x50x40 mm, 2 inch length, 1803HS	1
9	Spanner Double end - 6 to 32 mm set, drop forged DEP 010, (6X7, 8X9, 12X13, 14X15, 16X17, 18X19, 20X22, 24X27, 30X32)	2
10	High carbon steel drill bit - 5 mm to 25 mm dia set	1
11	High carbon steel white tool bit - 5/8 inch X 6mm Superior quality (Mitutoyo or equivalent)	5
12	Oil stone HSS - 1X2X8 inch fine grain size	3
13	Milling cutter-Module 2, No.3 MS	4
14	HRC Fuse 16 Amps 230 V	10
15	HRC Fuse 32 Amps 415 V	20
16	Adjustable spanner phosphate finish - length 445 mm, least max opening size 55 mm ISI	2
17	Gear Tooth vernier caliper - 1 to 26 mm measuring range	1
18	Trysquare with graduations - one side in cm and other side in inch - 4" SS	4
19	Trysquare with graduations - one side in cm and other side in inch - 8" SS	2
20	Rubber mallet with wooden handle 350 mm, 0.5 Kg	4
21	Standard wire guage - S.S, 95 mm dia, with 36 notches	2
22	Standard wire guage- rectangular shape S.S, 95 mm dia, with 36 notches	1
23	Universal grinding marking guage, 14 guage3, SS, 55, 60, 90, and 120 degree internal and 60, 90 and 120 degree external angles	1
24	Radius measuring guage -1-7 mm, SS, 100 mm shaft length, convex and concave type	1
25	Feeler thickness guage, hardened carbon steel 100 mm length, 15 blades, 0.05 mm to 1.00 mm thick	1
26	tin cutter with Spring drop forged carbn steel and with induction hardened cutting edges, length 7.87", Jaw capacity 1.1", Weight 250 gm	12
27	Drift centre & leather Punch set of high grade chrome steel, 100 mm	2
28	Baby Bench Vice - cast iron 25 mm with clamp	3
29	Heavy duty line tester- 5 blades with tester neon bulb flat tip, 3.02-6mm, pocker magnetized, 415 V, 15 cm length	4
	Precision screw driver combination set with ratchet, bit include nut driver size	

30	2.5, 3, 3.5, 4, 4.5, 5, 5.5 Hex size .7, .9, 1.3, 1.5, 2, 2.5, 3, 3.5, 4, 4.5, 5, 6 mm Torxx size T2, 3, 4, 5, 6, 7, 8, 9, 10, 15, 20, size PH000, 00, 0, 1, 2, Pentalobe size .8, 1.2, 1.5 mm, Tripoint size y 0.6, 2, 2.5 Square size Sq 0, 1, 2, 1x2 extension road, 1x flexible extension shaft, aluminium habd driver	2
31	Hole saw cutter set carbon steel cups -1/4", 7/8", 1", 1 1/8", 1-1/2"	1
32	Glass drill bit set of of 4 (5 mm, 6mm, 8mm and 10 mm dia)	1
33	glass cutter honed cutting wheel 130 mm/5/1/8 inch	1
34	Chop saw machine 14" 200 W, 355 mm, dia 3800 rpm	1
35	Drill bit HSS with Carbide coating 1-14 mm, 1-14 in 1 mm step	2
36	Drilling bit concrete 3-12 mm, 1 set HSS	1
37	Hand Rivet gun with 1/4", 1/2", 3/4", 1", 1.25" and 1.5" holder, 6 numbers of hilder with hand grip	1
38	Heavy duty too box with handle and two compartment os steel 16 guage 18" X 6" 6"	6
39	Measuring tape leather type -30 meters	1
40	Spanner Double end - drop forged -(6-30 mm set) - of 12 numbers	1
41	Spanner set - Ring type 6-32 mm set-12 nos	1
42	Open spanner double end type in inch - 1/4", 5/16", 3/8", 7/16", 1/2", 9/16" - set of 6 nos	6
43	Spirit level 30 cm	2
44	Spirit level 100 cm	1
45	Screw driver Flat 30 x 1 cm SS with insulation	3
46	Screw driver Flat 45 x 1 cm SS with insulation	3
47	Screw driver Star 45 x 1.5 mm SS with insulation -rubber sleeve	2
48	Screw driver Star 45 X 8 mm SS with insluation - rubber sleeve	2
49	Screw driver Star 30 x 6 mm SS with insulation - rubber sleeve	2
50	Screw driver Star 30 x 3 mm SS with insulation - rubber sleeve	2
51	Box spanner full set - Drop forged ISI-1/2" and 1/4" ratchet handle, 6 mm -32 mm box, 1xExtension rod, 1X flexible extension shaft, ratchet speed handle	1
52	Pipe wrench -chrome -vanadium finish 200 mm ISI	2
53	Number Punch -2.5 mm	5
54	Alphabet punch -2.5 mm width	5
55	Allen key set -attached together as fastened set - 5/64", 3/32", 7/64", 1/8", 9/64", 5/32", 3/16", 7/32" 1/4"	2
56	H 2 switcheseavy duty extension board with surge protector - 4 socket of 5 Amp, 4 switches of 5 Amp, 2 socket of 16 Amp, 2 switches of 16 amp, 3 meters of 3 core heavy duty wire length ,1 Amp fuse, ground open indicator with 32 Amp MCB	5
57	Extension board - 5 amp switches 5 nos, with socket and surge protector and 1.5 m 3 core heavy duty wire	5
58	Wire stripper 10"	2
59	G Clamp set -1",2",3"	1
60	Nylon Hammer -350 mm, 1.5 kg	2
61	Rust remover WD 40 -400 ML	2
62	Weighing scale 10 Kg electronic type ISI -Strain guage sensor with rechargeable battery	1
63	Portable telescopic magnetic pick up-10 lb, 150-650 mm	1
64	Ceramic drill bit-spear head type 1-14 mm, 14 nos	1
65	TORX /Star Allen key -Long set of 10 pcs -sizes:T10, T 15, T20, T25, T27, T30, T40, T45, T50 Chrom-vanadium steel 55 HRC	2
66	Manual pipe bending machine -1/2" to 2" pipe round pipe die set - 6 steps	1

67	Bent nose mini pliers-8"	2
68	Water pump pliers -8"	1
69	Metal primer oil base -500 ml	1
70	Bionic Wrench -adjustable 8"	1
71	Automatic darkening welding helmet -steel body with overhead protection, Response time- 1/25000 sec, UV Penetration, 313 nm, IR Penetration rate 780- 1300 nm, material plastic, catridge filter dimension 110x90x9 mm	4
72	Weldin machine -inverter type, 20 -200A, Electrode holder with 3.5 meters cable, earth clamp with 1.5 meters cable with euro connectors, IP21 Certified	1
73	Cordless drilling machine -slow speed -3.6 NiCd battery, max torque 3 Nm, 200 rpm, 0.8 Ah battery, bit holder with 15 bits, reverse action, 2000 mah battery	1
74	Safety goggles -3M	4
75	Marble/plywood cutter machine -blade size 125 mm -1.3 KW, 4000 rpm	1
76	Manual hand drilling machine -1/4" 10 mm, MS	1
77	Bolt cutter -24"	1
78	Air blower -500W, 14000 rpm	2
79	Hot air gun -1 KW, 2 stage switch, thermal protection	1
80	Drilling Machine 630 Watts withy hammering and tilting type -22 mm chuck, no load speed 2600 rpm, forward and reverse action, with hard case, 2.3 kg, ss tool holder with necessary acessories	1
81	Angle grinder -670 W, Brush motor, m10 spindle, 11000 rpm, two side handle, wheel guard and wrench wheel	2
82	Aluminium Rod 26 mm diameter	20 kg
83	Aluminium Rod 30 mm diameter	20 kg
84	MS Rod 32 mm diameter	200 kg
85	Cast iron disc -103 mm dia x 25 mm	100
86	Coolant	5 litres
87	Lubricationg oil 40 grade	10 litres
88	Hydraulic oil 68 grade	40 litres