

**INVITATION TO TENDER FOR THE PROVISION OF MATERIAL REQUIRED FOR ESTABLISHING THE
LOW COST MAKER SPACES IN TELANGANA AND KARNATAKA STATES**

Dear Sirs/Madams,

You are hereby invited by Vigyan Ashram Pabal, Dist-Pune (the Authority), to tender for the provision of material required (as per the annexure and the material list attached separately. The material list is for one maker space) for establishing the 40 low-cost maker spaces in Telangana and Karnataka states specified in the quotation format.

It is the responsibility of all tenderers to ensure that their tender is delivered not later than 15 days after publishing (20th September 2023) the tender that is by 4th October 2023. The Authority will not consider tenders received after that time. Tenderers should note that the delivery of tender documents should be via mail to the following address.

Dr. Yogesh Kulkarni
Vigyan Ashram
A/P Pabal, Tal- Shirur
District- Pune 412403
Maharashtra

For any queries related to the tender invited, you can contact, Mr. Kishore Gaikwad at kishore.vigyanashram@gmail.com or 7498285349.

Please note that the Authority is not bound to accept the lowest priced tender or any tender and it shall not be bound to accept the contractor as a sole supplier.

Yours faithfully,
Dr. Yogesh Kulkarni



Director- Vigyan Ashram



Annexure: Tool list for LCM Space

Workshop and Engineering Techniques - Tools				
S.No	Particular	Specification	Unit	Qty
Measuring Equipment				
1	Steel Ruler	150 mm, 300mm	set	1
2	Measuring Tape	3 Meter	Each	1
3	Spirit Level Bottle	0.01 - 0.05mm/meter	SET	1
4	Tri-Square (Casting base) (construction and Carpentry)	Blade size 120mm	each	1
Carpentry Hand/ Cutting Tools /Equipment				
5	Scriber		Each	1
6	Claw Hammer	500 gm Chrome Plated Claw Hammer Tubular Steel Handle: With Handle	each	1
7	Mallet Wooden	Small	each	1
8	Mallet Plastic	Medium	No	1
9	Tenon Saw	10"	No	2
10	Karvat (wood saw)	18"	each	2
11	Karvat small size (wood saw)	12"	each	2
12	Saw teeth setting plier		No	1
13	Hacksaw Frame Pipe Frame	12", fix frame patti	each	2
14	Hacksaw blades	12"		10
15	Hacksaw Frame Pipe Frame	6"		2
16	Hacksaw blades	6"		10
17	Pliers - 4-5 inch size	External Straight		1
		Nose Circlip Plier		1
		Long Nose Plier		1
		Combination Mini Plier		1
		Wire stripping pliers		1
		Bent nose plier		1
		Needle nose pliers		1
18	Tweezer set	Non magnetic 6"		6
19	Allen key set	Ring imperial allen hexkey		1
20	Half Round Wood rasp File	10"	No	1
21	Flat file Rasp	10"	No	1
22	Flat file Rough	12"	No	1
23	C-Clamps (for carpentry use)	4", 6" (Rs. 756+1065)	set	1

24	Iron Plane	4"+ 9"	set	2
25	Firmer Chisel	1/2" Flat ,1", Flat Length -10" with handle	set	1
26	Mortise Chisel	1/4", 1/2" Length -10" with handle	set	1
27	Pairing Chisel	10" with handle	set	1
28	Hand Drill Machine	Portable	No	1
29	Sun mica Cutter		No	1
30	Carboundum-Stone (Emery)	6" x 2.5" x 2"	No	1
31	Auger Bit	1/2" / 1/4"	set	1
32	Gimlet	1/2", 3/8"	No	1
Drilling, Tapping, Threading Hand/ Cutting Tools /Equipment				
33	Center Punch		No	1
34	Tap wrench	200 mm	No	1
35	Oil Can	250 ml	No	1
36	Machine vice	75mm Steel Body	No	1
37	Hammers B/P (Hammers ball pain)	500 Grams	No	1
38	Hammer C.P (hammer cross pain) with handle forged steel	500 Grams	No	1
39	Flat Chisel	6"	No	1
40	File Handle - No -5"or 6"	No -5" or 6"	Each	15
41	Flat Basted File	10",12"	set	1
42	Flat Smooth File	12"	No	1
43	Triangular files	12"	No	1
44	Round Basted File	8"	No	1
45	Open End Wrench/ Spanner SET	6mm-18mm(Sizes mm: 6X7, 8X9, 10X11, 12X13, 14X15, 16X17,)	8Pec Set	1
46	Ring Spanner Set	6 To 18 Mm	Set	1
47	ROUND FILE ROUGH	8"	each	3
48	SLADGE HAMMER 1 KG.	(Rs. 215+handle60)	each	2
49	Screw Driver	6" / 8" /10" /12"	each	1
Safety Equipment- Workshop/engineering				
50	Safety Helmet			4
51	Safety Goggle			15
52	Hand gloves pairs	Small, medium	pair	10
53	Safety Shoes	All size	Pairs	2
54	First Aid Box		No	4

Energy & Environment - Tools				
S.N	Particular	Specification	Unit	Qty
1	Digital Multimeter		No	3
2	Wire gauge		each	1
3	Fish Tape	up to 15 Ft	No	1
4	Measuring Tape		No	1
5	Linesman Pliers (combination pliers)		each	2
6	Side Cutting Player		each	2
7	Screw Driver Set / Electrician-Wiremen Set		No	1
8	Tester		each	6
9	Wire Stripper		each	2
10	Razor Blade Knife (Utility Knife)		each	2
11	Hack Saw- mini hacksaw		No	2
12	Masonry Drill bits (Concrete Drill)	4 mm To 10 mm(4,5,6,8,10)	5 pc set	1
13	Electric Soldering Iron	35 watts	each	6
14	Chipping hammer	250 gm	No	1
15	Soldering wire 20/22	AWG with rosin core flux100 gm		6
16	Hot glue gun	Works with standard 0.5- inch glue sticks. Temperature - 230 to 280 degree Celsius.		4
17	Adapter	DC power Adapter with 5V, 2A		
18	Adapter	DC power Adapter with 12V, 2A		
19	Electrical hand drill machine	13mm fibre body drill machine, J.K.	No	1
Safety Equipment energy & environment				
20	Electrical Hand Gloves		Pairs	4
21	Rubber Sleeper	Small and Medium	Pairs	10
22	Rubber Matting		each	2
23	Sand Bucket		each	2
24	Fire Extinguisher CO2	ABC (2 KG) POWDER - EXTINGUISHER BLANKETING	No	1

Arduino Kit				
25	Arduino uno + cable		_	5
26	Breadboard (medium size) 400 POINT		_	5
27	LDR sensor 5MM		_	5
28	Thermistor	Arduino compatible	_	5
29	Ultrasonic sensor	(HC-SR04)	_	5
30	IR sensor	Arduino compatible	_	5
31	Soil moisture sensor	Arduino compatible	_	5
32	LM393(sound sensor)	Arduino compatible	_	5
33	gas sensor (MQ 2) module	MQ -2	_	5
34	Jumper wires (m-m, f-m, f-f)	1 bundle of 20 wires	_	5
35	box		_	5
36				
37	Min Max thermometer	To record environ temp		1
38	wet bulb dry bulb thermometer	Humidity measurement		1
39	0-13mm drill bits set			1
40	Small drill bit set			2
41	AA Battery holders (2 battery)			10
42	9V batteries 20			20
43	9V battery connectors			20
44	DC toy motors			20
45	Geared DC motors			10
46	DC power adapters (12V and 9V)			3 each
47	LEDs- White			35
48	LEDs- Red			35
49	LEDs- Yellow			35
50	LEDs- Green			35
51	LEDs- Blue			35
52	Buzzer			35
53	Flat ribbon cable			10 meter
54	Copper foil (Single side tape)	6 mm wide	No	2
55	Resistors	Mix of resistors starting 100 ohms		
56	Capacitors	Mix of capacitors		
57	Transistors			

58	Diodes			
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Agriculture tools				
Sr.N	Particular	Specification	Unit	Qty
1	Kitchen gardening tool set- set of 6 light weight tools		No	1

Arts and Crafts, Sewing - Tools				
Sr. N	Particular	Specification	Unit	Qty
1	Pin Cushion and Pins		No	1
2	Sewing Box		No	1
3	Trimming Scissors		No	2
4	Seam Ripper		No	2
5	Pinking Shears		No	2
6	Sewing and Embroidery Scissors		No	1
7	Thread		SET	1
8	Needles		No	50
9	Crochet needles		Set	2
10	Wool bundle		No	5
11	Colored craft papers	A4 size- (5 different mixed colors)	Nos	15 each
12	Art and craft scissor		No	3
13	A3 cutting mats		No	2
14	Fevicol bottles	100 g	No	5
15	Double sided tape	1/2 inch wide	No	2
16	Acrylic color	2 sets of 10 bottles each	Set	2
17	Coloring brush	Mix of different sizes	No	10
18	Color pallete		No	2
19	Jewellery making kit		No	2
20	Paper cups		No	48
21	Paper Straws	Paper straw- 6 inch, 12 inch	No	100 each
22	Cardboard sheets	Thickness 2mm, 3mm- A3 size	No	50 each
23	Plastic straws	Mix of plastic straws	No	200
24	Paper dishes	Mix of paper dishes- 6 in, 12 inch dia	No	200 each
25	Icecream sticks		No	300
26	Crayons	Boxes of 12 crayons	No	30
27	Water colors	18 color shade boxes	No	20
28	Canvas	6inx6in, 9inx9in,	No	20 each

29	Bamboo skewers	Mix	No	200
30	Sketch pens	Mix	No	100