

**INVITATION TO TENDER FOR THE PROVISION OF MATERIAL REQUIRED FOR ESTABLISHING THE  
LOW-COST MAKER SPACES IN WEST BENGAL STATES**

Dear Sirs/Madams,

You are hereby invited by STARS FORUM, 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) and STEM toolkit for establishing the 10 low-cost maker spaces in Implementation of STEM program for Adolescence girls (5th-10th), STEM Lab in Murshidabad, West Bengal. States specified in the quotation format.

It is the responsibility of all tenderers to ensure that their tender is delivered not later than 20 days of publishing (25<sup>th</sup> Dec 2024) the tender that is by 15th Jan 2025. The Authority will not consider tenders received after that time. Tenderers should note that that the delivery of tender documents should be via mail to the following address.

Address-

Stars Forum @ Vigyan Ashram Gat No 1157, A/P Pabal, Tal- Shirur, District- Pune 412403 , Maharashtra

For any queries related to the tender invited, you can contact, Miss. Komal Raut at [komalraut.ibt@gmail.com](mailto:komalraut.ibt@gmail.com) or 9067423224.

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



Mr Ranjeet Shanbhag  
Trustee – Stars Forum



## Lab Material and Tool List

Srn	Particular	Specification	Brand	Qty
1	Steel Ruler	150 mm, 300mm	Kristeel	2
2	Measuring Tape	3Meter, 5Meter	Stanley	3
3	Tri- Square	150 mm	Generic	1
4	Vernier Calliper	150 mm	Aerospace	1
5	Degree Protactor	180 Deg	Ajanta	1
6	Hand Drill Machine	Portable	Belto	1
7	Oil Can	250 ml	Taparia	1
8	Hammers (Ball peen)	340 Grams	Taparia	1
9	Hammer (Cross peen)	200 Grams	Taparia	1
10	Mallet Plastic	Handle Material-Rubber	Taparia	1
11	Hacksaw Frame Pipe Frame + Blade	6" inch (Small for cardboard and MDF)	Taparia	2
12	Paper Cutter	Medium, Large	Taparia	2
13	Machine vice	75mm Steel Body	Taparia	1
14	Open End Wrench/ Spanner SET -6 pcs	6mm-17mm(Sizes mm: 6X7, 8X9, 10X11, 12X13, 14X15, 16X17 )	Taparia	1
15	Ring Spanner Set -6 pcs	6 To 22 mm	Taparia	1
16	Combination Plier	6"	Taparia	1
17	Nose Plier	6"	Taparia	1
18	Adjustable Spanner	6"	Taparia	1
19	Round File	Smooth 150mm	Taparia	1
20	Flat File	Smooth 150mm	Taparia	1
21	Half Round File	Smooth 150mm	Taparia	1
22	Tester	Neon	Taparia	1
23	C-clamps	2", 3"	Taparia	1
24	Safety Goggle	Transparent goggles	Karma	10
25	Safety Hand Gloves	Rubber Coated	Karma	10
26	Rope	5MM 10 Meter Cotton Twisted Rope	Standard	1
27	Cycle Air Pump	Cycle Pump Foot Activated Bicycle Air Pump	Standard	1
28	Cycle Puncture Kit	Counter Lever, Solution, Patch	Standard	1
29	DIGITAL MULTIMETER	LCD Display Digital Multi-meter	Mastech	2
30	Screw Driver Set --5pcs	Multipurpose	Taparia	1
31	Wire Stripper	Electronics and Electrical Works	Taparia	4
32	Razor Blade Knife (Utility Knife)	18 mm	Taparia	1
33	Drill bits Set (wood/cardboard Drill)	1 mm To 8 mm	standard	1
34	Electric Soldering Iron	25 watt	Soldron	5
35	Soldering Stand		Sun	5
36	Soldering wire 20/22	AWG with 50 gm	Soldron	5
37	Soldering Flux	20 gms	Soldron	3
38	Adaptor	5V, 2A	Generic	5
39	Adaptor	12, 1 A	Generic	5
40	18650 Battery Holder	1 Cell	Generic	10

41	18650 Li-ion Battery	Generic	Generic	5
42	Li-ion Battery Charger	Single Channel	Generic	2
43	9V HW Battery	HW	Generic	20
44	9v Battery connector		Generic	20
45	DC Toy Motor	Small Motor	Generic	10
46	DC Bo Gear Motor + Wheels	BO Motor 200 Rpm	Generic	15
47	Submersible Water Pump		Generic	5
48	LED	5mm 5 Mix Colour 30 Each	Generic	250
49	Resistor	1 K ohm	Generic	100
50	RGB Led	Blinking LEDs	Generic	30
51	LED White	10mm 2W	Generic	80
52	Switch	Small SPST	Generic	30
53	Solar Panel	6w 70*70 mm	Generic	10
54	Hot glue gun	Temperature - 230 to 280 degree Celsius.	Generic	5
55	Cooper Tape	5M 10mm	Generic	5
56	Coin Cell	CR-3032 Li-ion	Generic	20
57	Glue Sticks	10mm	Generic	50
58	Cable Tie	100mm, 150mm, 200mm	Generic	3
59	Patta Wire	10 Colour	Generic	10
60	Fire Extinguisher CO2	ABC ( 2 KG) POWDER	ABC	1
61	Thermometer	Digital Thermometer	Generic	1
62	Min Max thermometer	To record environ temp	Zeal	1
63	Wet bulb dry bulb thermometer	Humidity measurement	Zeal	1
64	Extension Board	5 Power sockets 3 mtr	Anchor	1
65	Garden Hose	Long Handle Hose	Standard	1
66	Agri Kit 6 Pcs Set	6 Pcs Set	Mittidhan	1
67	Scissor	Size-15"	Standard	1
68	Watering Can	5 ltr Plastic can	Standard	1
69	Ghamale	Size-17"	Samrudhi	2
70	Sprayer Pump	1 Litre	AGROtech	1
71	Measuring Tape	15 M	Freemans	1
72	Lactometer		Standard	1
73	Measuring Cylinder	Plastic Measuring Cylinder Transparent 200ml	Standard	1
74	Beaker	Beaker 200ml	Borosil	1
75	Hand Gloves	12"(Long)	Agrotech	2
76	MILK MEASURE	500 ml	Standard	1
77	Ph paper strips	pH 1.0 to 14.0	Phitest	5
78	Seedling trays	HDPE plastic with 100 hole capacity	Standard	6
79	Secateurs garden pruner	200 mm length Stainless steel made with PVC grip	Falcon	1
80	Green Shed-net	50 % shed, UV stabilize 200 Sq ft (20 ft long * 10 ft width)	Generic	1
81	Stainless steel Plates	Diameter: (20,25 cm)	stainless steel	2
82	Sieves (Stainless Steel)	Fine	stainless steel	1
83	Set of cooking spoon	Stainless steel	stainless steel	1

84	Steel Bowls	Stainless steel - 100	stainless steel	2
85	Microplane Grater	Stainless Steel with Plastic Handle	stainless steel	1
86	Grater/ Shredder	Stainless steel	stainless steel	1
87	Whisk	Stainless steel	stainless steel	1
88	Potato Smasher	Stainless steel	stainless steel	1
89	Chikki Slicer (Pizza Slicer)	Stainless steel	stainless steel	1
90	Knives	Stainless Steel (Medium size)	stainless steel	2
91	Chopping Board	Wooden	Wood	1
92	Rolling Board and Roller Chappati	Wood	wood	1
93	Steel Shelves for Utensils storage	4 Layer 18 x 24 inch Kitchen Dish Rack/Kitchen Utensils Stand(Stainless Steel)	Standard	1
94	Plastic Storage Box	Partition and Open Box	Generic	8
95	Measuring Mug / Cup	Plastic/ Glass 250ml	Standard	1
96	Measuring Spoons	Plastic (1/8-tsp, 1/4-tsp, 1/2-tsp, 1-tsp, 1/2-Tbsp. and 1-Tbsp.)	Standard	1
97	Kitchen Scissor	Multipurpose	Standard	1
98	Table Spoons	Stainless steel	stainless steel	6
99	Tong	Steel	Steel	1
100	Vegetable Peeler	stainless steel	Anjali	1
101	Lemon Squuzer	Steel	Generic	1
102	Induction Cooker	2000W	Piegon	1
103	Induction Cookware	Set of 4 Utensils	Piegon	1
104	Water Container (Jug)	stainless steel 1 liter capacity	stainless steel	2
105	Strainer	Tea Strainer	Steel	1
106	Stainless steel Glasses	250 ml	Steel	2
107	Thermometer	Glass	Borosil	1
108	Weighing machine (Digital)	5kg	ISI MARK	1
109	Apron (Cloth)	cotton	VATF	10
110	Hand Gloves	Cotton - medium size	Standard	1
111	Hand Gloves (Plastic)	medium size (Plastic) pkt(50 pcs)	Jio	1
112	Head Caps (Cloth)	Cotton Washable & Reusable Head Cap	VATF	10
113	Aluminum foil	Aluminium	Standard	1
114	H2S bottle Bactoscope- water test	10 bottles in 1 set	VATF	20
115	Packing machine	(8 inch ,200 mm)	Standard	1
116	Packaging Bags	500gm, 1kgs	Standard	250
117	Wooden Spoon	Flat, Round	Standard	2
118	Body height measurment tape	2 m roll roller wall mounted	Standard	1
119	Hand press lime juicer	stainless stell	Steel	1
120	First aid box	For 15 Person	St. John	1
121	Pin Cushion and Pins	Moti Pins	Generic	1
122	Sewing Box	Long 12 "	No	1

123	Trimming Scissors		Munix	2
124	Seam Ripper		No	2
125	Pinking Shears		No	2
126	Thread	6 Different Colours	SET	1
127	Needles	Small, Big	No	20
128	Embriodery Needles	12"	No	2
129	Crochet needles	6"	Set	2
	Balloon	Medium Size	Pack	1
130	Wool bundle	Mix	No	5
131	Colored craft papers	A4 size- (5 different mixed colors) and Origami paper	Nos	1
132	Art and craft scissor	Medium, Large	Munix	3
133	A3 cutting mats	A3 Size	No	2
134	Fevicol bottles	100 g	Fevicol	5
135	Fevibond	50 ml	Fevicol	5
136	Double sided tape	1/2 inch wide, 2 Meters	Generic	2
137	Acrylic color	10 bottles each	Fevicryl	1
138	Coloring brush	Mix of different sizes (DOMS Set of 5 Pcs)	Camlin	1
139	Color pallete	BIG Rectangle 24 Section	Generic	1
140	Paper cups	(Mixed Different Colours Pack of 50 Cups)	Generic	1
141	Cardboard sheets	Thickness 2mm, 3mm- A3 size each	Generic	30
142	Plastic straws	Mix of plastic straws	Generic	5
143	Paper dishes	Mix of paper dishes- 6 in, 12 inch dia each	Generic	5
144	Icecream sticks	plain Sticks(big pack)	Generic	5
145	Water colors	18 color shade boxes	Camlin	2
146	Canvas	3 Set of 3"-10"	Generic	3
147	Bamboo skewers	Mix 6" Long	Generic	50
148	Embriodery Ring	6", 8"	Generic	2
149	White Cloth For Embriodery	30 cm	Generic	2
150	Rubber Bands	1", 1.5"	Generic	2
151	Set of Concave Convex Lens	Focal Lenght 15	Generic	55
152	Triangular Prism	38mm*38mm	Generic	15
153	Plane Mirror	5cm*3cm	Generic	100
154	Maginfying Glass	Double Sided 50 mm	Generic	5
155	Plastic Grow Bags	Black HDPE 8*10 inch	Generic	100
156	Black HDPE Paper	20*10 FT	Generic	1
157	Cocopit	1 kg Block	Generic	5
158	Syringe and Tube	20ml	Generic	52
159	Kit - Circle Theorems	Maths Kit	STEM	1
160	Kit - Parallel lines / triangle properties	Maths Kit	STEM	1
161	Pythagoras Theorems	Maths Kit	STEM	1
162	Triangle Theorems	Maths Kit	STEM	1
163	Ring of Theorem	Maths Kit	STEM	1
164	Ext. Angle of Polygon	Maths Kit	STEM	1
165	Algebra Kit (a+b+c)^2	Maths Kit	STEM	1
167	Standard Time Globe	Maths Kit	STEM	1

168	Safety Wall Posters	6 Sqft	Star Flex	5
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### TLM tool kit

Srn	Particular	Specification	Brand	Qty
1	Measuring Tape	5Meter	Stanley	1
2	C-clamps	3"	Taparia	1
3	Paper Cutter	Medium, Large	Taparia	3
4	Tester	Neon	Taparia	1
5	Safety Goggle	Transparent goggles	Karma	2
6	Safety Hand Gloves	Rubber Coated	Karma	2
7	Hand Drill Machine	Portable	Belto	1
8	Drill bits Set (wood/cardboard Drill)	1 mm To 8 mm	Standard	1
9	DIGITAL MULTIMETER	LCD Display Digital Multi-meter	Standard	1
10	Screw Driver Set --5pcs	Multipurpose	Taparia	1
11	Wire Stripper	Electronics and Electrical Works	Taparia	2
12	Electric Soldering Iron	25 watt	Soldron	2
13	Soldering Stand		Sun	1
14	Soldering wire 20/22	AWG with 50 gm	Soldron	2
15	Soldering Flux	20 gms	Soldron	1
16	Adaptor	5V, 2A	Generic	1
17	18650 Battery Holder	1 Cell	Generic	2
18	18650 Li-ion Battery	Generic	Generic	2
19	Li-ion Battery Charger	Single Channel	Generic	1
20	9V HW Battery	HW	Generic	5
21	9v Battery connector		Generic	5
22	DC Toy Motor	Small Motor	Generic	2
23	DC Bo Gear Motor + Wheels	BO Motor 200 Rpm	Generic	2
24	LED	5mm 5 Mix Colour 10 Each	Generic	50
25	Resistor	1 K ohm	Generic	50
26	LED White	10mm 2W	Generic	20
27	Switch	Small SPST	Generic	20
28	Solar Panel	6w 70*70 mm	Generic	2
29	Coin Cell	CR-3032	Generic	5
30	Hot glue gun	Temperature - 230 to 280 degree Celsius.	Generic	1
31	Glue Sticks	10mm	Generic	5
32	Patta Wire	10 Colour	Generic	3
33	digital thermomter	temp	Zeal	1
34	Agri Kit 6 Pcs Set	6 Pcs Set	Mr.DIY	1
35	Measuring Tape	15 M	Freemans	1
36	Measuring Cylinder	Plastic Measuring Cylinder Transparent 200ml	Standard	1
37	Hand Gloves	12"(Long)	Agrotech	2

38	Ph paper strips	pH 1.0 to 14.0	Phtest	3
39	Seedling trays	HDPE plastic with 100 hole capacity	Standard	2
40	Plastic Storage Box	Partition	Generic	1
41	Hand Gloves (Plastic)	medium size (Plastic) pkt(50 pcs)	Jio	1
42	H2S bottle Bactoscope- water test	10 bottles in 1 set	VATF	20
43	Wool bundle	Mix	No	2
44	Copper tape			1
45	A3 cutting mats	A3 Size	No	1
46	Fevibond	50 ml	Fevicol	5
47	Double sided tape	1/2 inch wide, 2 Meters	Generic	1
48	Plastic straws	Mix of plastic straws	Generic	1
49	Icecream sticks	plain Sticks(big pack)	Generic	1
50	Bamboo skewers	Mix 6" Long	Generic	20
51	balloon	medium size	Pack	1
52	Rubber Bands	1", 1.5"	Generic	1
53	Set of Concave Convex Lens	Focal Lenght 15	Generic	10
54	Plane Mirror	6.470588235	Generic	10
55	Plastic Grow Bags	Black HDPE 8*10 inch	Generic	10
56	Cocopit	1 kg Block	Generic	1
57	Syringe and Tube	20ml	Generic	5
58	Safety Wall Posters	6 Sqft	Star Flex	3
	Glue Sticks	10 mm		20