stars forum
Skills Training for Advancement in Rural Societies

Trust Registration No. E-7042/P
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INVITATION TO TENDER FOR THE PROVISION OF MATERIAL REQUIRED FOR ESTABLISHING THE LOW-COST MAKER SPACES IN JHARKHAND 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 11 low-cost maker spaces in Implementation of STEM program for Adolescence girls (6th-10th), Jharkhand 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 of publishing (25th June 2025) the tender that is by 05th July 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.

Ranjeet Shanbhag
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 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

STARS FORUM Regd. No. E-7042/P PUNE STARS FORUM

Jharkhand STEM-TLM tool kit						
Srn	**Particular**	**Specification**	**Brand**	**Qty**	**Rate**	**Amount**
1	Measuring Tape	5Meter	Stanley	1	150	150
2	C-clamps	3"	Taparia	1	320	320
3	Paper Cutter	Medium, Large	Taparia	2	129	258
4	Tester	Neon	Taparia	1	59	59
5	Safety Goggle	Transparent goggles	Karma	2	70	140
6	Safety Hand Gloves	Rubber Coated	Karma	1	55	55
7	Hand Drill Machine	Portable	Belto	1	350	350
8	Drill bits Set (wood/cardboard Drill)	1 mm To 8 mm	Standard	1	220	220
9	DIGITAL MULTIMETER	LCD Display Digital Multi-meter	Standard	1	250	250
10	Screw Driver Set --5pcs	Multipurpose	Taparia	1	257	257
11	Wire Stripper	Electronics and Electrical Works	Taparia	2	69	138
12	Electric Soldering Iron	25 watt	Soldron	1	450	450
13	Soldering Stand		Sun	1	99	99
14	Soldering wire 20/22	AWG with 50 gm	Soldron	2	200	400
15	Soldering Flux	20 gms	Soldron	1	30	30
16	Adaptor	5V, 2A	Generic	1	180	180
17	9V HW Battery	HW	Generic	5	20	100
18	9v Battery connector		Generic	5	10	50
19	DC Toy Motor	Small Motor	Generic	2	20	40
20	DC Bo Gear Motor + Wheels	BO Motor 200 Rpm	Generic	2	80	160
21	LED	5mm 5 Mix Colour 10 Each	Generic	30	1.5	45
22	Resistor	1 K ohm	Generic	30	1	30
23	LED White	10mm 2W	Generic	20	5	100
24	Switch	Small SPST	Generic	20	15	300
25	Solar Panel	6w 70*70 mm	Generic	2	90	180
26	Coin Cell	CR-3032	Generic	5	25	125
27	Hot glue gun	Temperature - 230 to 280 degree Celsius	Generic	1	350	350
28	Glue Sticks	10mm	Generic	5	10	50
29	Patta Wire	10 Colour	Generic	3	35	105
30	digital thermomter	temp	Zeal	1	250	250
31	Agri Kit 6 Pcs Set	6 Pcs Set	Mr.DIY	1	950	950
32	Measuring Tape	15 M	Freemans	1	303	303
33	Measuring Cylinder	Plastic Measuring Cylinder Transparent 200ml	Standard	1	150	150
34	Hand Gloves	12"(Long)	Agrotech	2	80	160
35	Ph paper strips	pH 1.0 to 14.0	Phtest	3	50	150
36	Seedling trays	HDPE plastic with 100 hole capacity	Standard	2	50	100
37	Plastic Storage Box	Partition	Generic	1	300	300
38	Hand Gloves (Plastic)	medium size (Plastic) pkt(50 pcs)	Jio	1	110	110
39	H2S bottle Bactoscope- water test		VATF	20	30	600
41	Copper tape			2	300	600

42	A3 cutting mats	A3 Size	No	1	320	320
43	Fevibond	50 ml	Fevicol	3	50	150
44	Double sided tape	1/2 inch wide, 2 Meters	Generic	1	50	50
45	Plastic straws	Mix of plastic straws	Generic	1	30	30
46	Icecream sticks	plain Sticks(big pack)	Generic	1	65	65
47	Bamboo skewers	Mix 6" Long	Generic	10	2	20
48	balloon	medium size	Pack	1	100	100
49	Rubber Bands	1", 1.5"	Generic	1	45	45
50	Set of Concave Convex Lens	Focal Lenght 15	Generic	30	50	1500
51	Plane Mirror	5.766666667	Generic	10	15	150
52	Plastic Grow Bags	Black HDPE 8*10 inch	Generic	10	3	30
53	Cocopit	1 kg Block	Generic	1	150	150
54	Glue Sticks	10 mm		10	10	100
55	Syringe and Tube	20ml	Generic	5	35	175
56	PegBoard	3*2 ft MDF with SS hooks	VATF	1	300	300
57	Y-shape three-way joint	16 MM	Generic	5	5	25
58	Safety Wall Posters	6 Sqft	Star Flex	3	180	540
			Sub Total			12414
			Packing and Transport			1500
			Net Total			13914
			GST @18%			2505
			Gross Total			**16419**

Jharkhand STEM Lab Material and Tool List						
Sr.no.	Particular	Specification	Brand	Qty	Rate	Amount
1	Steel Ruler	150 mm, 300mm	Kristeel	2	150	300
2	Measuring Tape	3Meter, 5Meter	Stanley	3	220	660
3	Tri- Square	150 mm	Generic	1	180	180
4	Vernier Calliper	150 mm	Aerospace	1	650	650
5	Degree Protactor	180 Deg	Ajanta	1	380	380
6	Hand Drill Machine	Portable	Belto	2	350	700
7	Oil Can	250 ml	Taparia	1	94	94
8	Hammers (Ball peen)	340 Grams	Taparia	1	302	302
9	Hammer (Cross peen)	200 Grams	Taparia	1	237	237
10	Mallet Plastic	Handle Material-Rubber	Taparia	1	223	223
11	Hacksaw Frame Pipe Frame + Blade	6" inch (Small for cardboard and MDF)	Taparia	2	100	200
12	Paper Cutter	Medium, Large	Taparia	3	129	387
13	Machine vice	75mm Steel Body	Taparia	1	1660	1660
14	Open End Wrench/ Spanner SET -6 pcs	6mm-17mm(Sizes mm: 6X7, 8X9, 10X11, 12X13, 14X15, 16X17)	Taparia	1	365	365
15	Ring Spanner Set -6 pcs	6 To 22 mm	Taparia	1	495	495
16	Combination Plier	6"	Taparia	1	258	258
17	Nose Plier	6"	Taparia	1	250	250
18	Adjustable Spanner	6"	Taparia	1	250	250
19	Round File	Smooth 150mm	Taparia	1	372	372
20	Flat File	Smooth 150mm	Taparia	1	180	180
21	Half Round File	Smooth 150mm	Taparia	1	264	264
22	Tester	Neon	Taparia	1	59	59
23	C-clamps	2", 3"	Taparia	1	650	650
24	Safety Goggle	Transparent goggles	Karma	10	70	700
25	Safety Hand Gloves	Rubber Coated	Karma	10	55	550
26	Rope	5MM 10 Meter Cotton Twisted Rope	Standard	1	250	250
27	Cycle Air Pump	Cycle Pump Foot Activated Bicycle Air Pump	Standard	1	350	350
28	Cycle Puncture Kit	Counter Lever, Solution, Patch	Standard	1	150	150
29	DIGITAL MULTIMETER	LCD Display Digital Multi-meter	Mastech	2	850	1700
30	Screw Driver Set --5pcs	Multipurpose	Taparia	1	257	257
31	Wire Stripper	Electronics and Electrical Works	Taparia	4	69	276
32	Razor Blade Knife (Utility Knife)	18 mm	Taparia	1	250	250
33	Drill bits Set (wood/cardboard Drill)	1 mm To 8 mm	standard	1	220	220
34	Electric Soldering Iron	25 watt	Soldron	5	450	2250
35	Soldering Stand		Sun	5	99	495
36	Soldering wire 20/22	AWG with 50 gm	Soldron	5	200	1000
37	Soldering Flux	20 gms	Soldron	3	30	90
38	Adaptor	5V, 2A	Generic	5	180	900
39	Adaptor	12, 1 A	Generic	5	190	950
40	18650 Battery Holder	1 Cell	Generic	10	35	350
41	18650 Li-ion Battery	Generic	Generic	5	110	550
42	AA Battery	1.5 V	Everyday	10	10	100
43	AA Battery Holder	2channel	Generic	5	20	100
44	Li-ion Battery Charger	Single Channel	Generic	2	150	300
45	9V HW Battery	HW	Generic	20	20	400
46	9v Battery connector		Generic	20	10	200
47	DC Toy Motor	Small Motor	Generic	10	20	200
48	DC Bo Gear Motor + Wheels	BO Motor 200 Rpm	Generic	15	80	1200
49	Submersible Water Pump		Generic	5	60	300
50	LED	5mm 5 Mix Colour 30 Each	Generic	250	1.5	375
51	Resistor	1 K ohm	Generic	100	1	100
52	RGB Led	Blinking LEDs	Generic	30	2	60
53	LED White	10mm 2W	Generic	80	5	400

54	Switch	Small SPST	Generic	30	15	450
55	Solar Panel	6w 70*70 mm	Generic	10	90	900
56	Hot glue gun	Temperature - 230 to 280 degree Celsius	Generic	5	350	1750
57	Cooper Tape	5M 10mm	Generic	5	300	1500
58	Coin Cell	CR-3032 Li-ion	Generic	20	25	500
59	Glue Sticks	10mm	Generic	50	10	500
60	Cable Tie	100mm, 150mm, 200mm	Generic	3	90	270
61	Patta Wire	10 Colour	Generic	10	35	350
62	Fire Extinguisher CO2	ABC (2 KG) POWDER	ABC	1	1250	1250
63	Thermometer	Digital Thermometer	Generic	1	300	300
64	Min Max thermometer	To record environ temp	Zeal	1	600	600
65	Wet bulb dry bulb thermometer	Humidity measurement	Zeal	1	650	650
66	Extension Board	5 Power sockets 3 mtr	Anchor	1	550	550
67	Garden Hose	Long Handle Hose	Standard	1	390	390
68	Agri Kit 6 Pcs Set	6 Pcs Set	Mittidhan	1	1250	1250
69	Scissor	Size-15''	Standard	1	350	350
70	Watering Can	5 ltr Plastic can	Standard	1	450	450
71	Ghamale	Size-17''	Samrudhi	2	380	760
72	Sprayer Pump	1 Litre	AGROtech	1	360	360
73	Measuring Tape	15 M	Freemans	1	303	303
74	Lactometer		Standard	1	150	150
75	Measuring Cylinder	Plastic Measuring Cylinder Transparent 200ml	Standard	1	150	150
76	Beaker	Beaker 200ml	Borosil	1	200	200
77	Hand Gloves	12"(Long)	Agrotech	2	80	160
78	MILK MEASURE	500 ml	Standard	1	120	120
79	Ph paper strips	pH 1.0 to 14.0	Phtest	6	60	360
80	Seedling trays	HDPE plastic with 100 hole capacity	Standard	6	50	300
81	Secateurs garden prunner	200 mm length Stainless steel made with PVC grip	Falcon	1	380	380
82	Green Shed-net	50 % shed, UV stabilize 200 Sq ft (20 ft long * 10 ft width)	Generic	1	680	680
83	Stainless steel Plates	Diameter: (20,25 cm)	stainless steel	2	120	240
84	Sieves (Stainless Steel)	Fine	stainless steel	1	110	110
85	Set of cooking spoon	Stainless steel	stainless steel	1	430	430
86	Steel Bowls	Stainless steel - 100	stainless steel	2	60	120
87	Microplane Grater	Stainless Steel with Plastic Handle	stainless steel	1	50	50
88	Grater/ Shredder	Stainless steel	stainless steel	1	200	200
89	Whisk	Stainless steel	stainless steel	1	79	79
90	Potato Smasher	Stainless steel	stainless steel	1	130	130
91	Chikki Slicer (Pizza Slicer)	Stainless steel	stainless steel	1	160	160
92	Knives	Stainless Steel (Medium size)	stainless steel	2	200	400
93	Chopping Board	Wooden	Wood	1	280	280
94	Rolling Board and Roller Chappati	Wood	wood	1	420	420
95	Steel Shelves for Utensils storage	4 Layer 18 x 24 Inch Kitchen Dish Rack/Kitchen Utensils	Standard	1	900	900
96	Plastic Storage Box	Partition and Open Box	Generic	8	240	1920
97	Measuring Mug / Cup	Plastic/ Glass 250ml	Standard	1	150	150
98	Measuring Spoons	Plastic (1/8-tsp, 1/4-tsp, 1/2-tsp, 1-tsp, 1/2 Tbsp, and 1 Tbsp)	Standard	1	220	220
99	Kitchen Scissor	Multipurpose	Standard	1	140	140
100	Table Spoons	Stainless steel	stainless steel	6	30	180
101	Tong	Steel	Steel	1	170	170
102	Vegetable Peeler	stainless steel	Anjali	1	65	65
103	Lemon Squuzer	Steel	Generic	1	120	120
104	Induction Cooker	2000W	Piegon	1	2350	2350
105	Induction Cookware	Set of 4 Utensils	Piegon	1	2400	2400
106	Water Container (Jug)	stainless steel 1 liter capacity	stainless steel	2	300	600
107	Strainer	Tea Strainer	Steel	1	165	165
108	Stainless steel Glasses	250 ml	Steel	2	55	110
109	Thermometer	Glass	Borosil	1	135	135
110	Weighing machine (Digital)	5kg	ISI MARK	1	500	500

111	Apron (Cloth)	cotton	VATF	10	125	1250
112	Hand Gloves	Cotton - medium size	Standard	1	95	95
113	Hand Gloves (Plastic)	medium size (Plastic) pkt(50 pcs)	Jio	1	110	110
114	Head Caps (Cloth)	Cotton Washable & Reusable Head Cap	VATF	10	95	950
115	Aluminum foil	Aluminium	Standard	1	89	89
116	H2S bottle Bactoscope- water test	10 bottles in 1 set	VATF	30	30	900
117	Packing machine	(8 inch ,200 mm)	Standard	1	1050	1050
118	Packaging Bags	500gm, 1kgs	Standard	250	1	250
119	Wooden Spoon	Flat, Round	Standard	2	110	220
120	Body height measurment tape	2 m roll roller wall mounted	Standard	1	380	380
121	Hand press lime juicer	stainless stell	Steel	1	120	120
122	First aid box	For 15 Person	St. John	1	850	850
123	Pin Cushion and Pins	Moti Pins	Generic	1	100	100
124	Sewing Box	Long 12 "	No	1	120	120
125	Trimming Scissors		Munix	2	50	100
126	Seam Ripper		No	2	25	50
127	Pinking Shears		No	2	55	110
128	Thread	6 Different Colours	SET	1	8	8
129	Needles	Small, Big	No	20	5	100
130	Embriodery Needles	12"	No	2	40	80
131	Crochet needles	6"	Set	2	40	80
132	Balloon	Medium Size	Pack	1	100	100
133	Wool bundle	Mix	No	5	30	150
134	Colored craft papers	A4 size- (5 different mixed colors) and Origami paper	Nos	1	200	200
135	Art and craft scissor	Medium, Large	Munix	3	290	870
136	A3 cutting mats	A3 Size	No	2	320	640
137	Fevicol bottles	100 g	Fevicol	5	50	250
138	Fevibond	50 ml	Fevicol	5	50	250
139	Double sided tape	1/2 inch wide, 2 Meters	Generic	2	50	100
140	Acrylic color	10 bottles each	Fevicryl	1	250	250
141	Coloring brush	Mix of different sizes (DOMS Set of 5 Pcs)	Camlin	1	90	90
142	Color pallete	BIG Rectangle 24 Section	Generic	1	70	70
143	Paper cups	(Mixed Different Colors Pack of 50 Cups)	Generic	1	80	80
144	Cardboard sheets	Thickness 2mm, 3mm- A3 size each	Generic	30	20	600
145	Plastic straws	Mix of plastic straws	Generic	5	30	150
146	Paper dishes	x of paper dishes- 6 in, 12 inch dia ea	Generic	5	90	450
147	Icecream sticks	plain Sticks(big pack)	Generic	5	65	325
148	Water colors	18 color shade boxes	Camlin	2	20	40
149	Canvas	3 Set of 3"-10"	Generic	3	75	225
150	Bamboo skewers	Mix 6" Long	Generic	50	2	100
151	Embriodery Ring	6", 8"	Generic	2	150	300
152	White Cloth For Embriodery	30 cm	Generic	2	40	80
153	Rubber Bands	1", 1.5"	Generic	2	45	90
154	Set of Concave Convex Lens	Focal Lenght 15,20,25	Generic	60	80	4800
155	Triangular Prism	38mm*38mm	Generic	15	70	1050
156	Plane Mirror	5cm*3cm	Generic	100	15	1500
157	Plastic Grow Bags	Black HDPE 8*10 inch	Generic	100	3	300
158	Black HDPE Paper	20*10 FT	Generic	1	480	480
159	Cocopeat	1 kg Block	Generic	5	150	750
160	Syringe and Tube	20ml	Generic	50	35	1750
161	Science kit	With Manual	eklavya	1	7500	7500
162	PegBoard	3*2 ft MDF with SS hooks	VATF	1	500	500
163	Y-shape three-way joint	16 MM	Generic	10	5	50
164	nut-bolt	M4 10MM, 14	Generic	50	2	100
165	Glue Sticks	10MM	Generic	50	10	500
166	Arduino kit	Arduino UNO, ultrasonic sensor, LDR, IR, sound sensor, DHT11, Gas	Generic	5	2000	10000
167	Buzzer	mini	Generic	35	15	525

168	Maths kit	Set of Kits	square innovatio	1	4500	4500
169	Safety Wall Posters	6 Sqft	Star Flex	5	180	900
			Sub Total			100443
			Packing and Transport			5000
			Net Total			105443
			GST @18%			18980
			Gross Total			**124423**