

**TENDER FOR THE PURCHASE OF MACHINES AND INSTRUMENTS FOR VOCATIONAL
TRAINING CLASSES AT SDM MANGALAJYOTHI VTC AT VAMANJOOR,
MANGALORE UNDER SUVARNA KAYAKA KAUSHALYABHIVRIDHI SCHEME,
GOVT OF KARNATAKA.**

**SDM EDUCATIONAL SOCIETY®
UJIRE, BELTHANGADY TQ
D.K. DIST, KARNATAKA
08256-236488,236225**

TENDER FORM

DATE :-

TENDER FEE RECEIPT/D.D. NO. & DATE:-

To

The Secretary

SDM Educational Society

Ujire

EARNEST MONEY DEPOSIT (EMD) : 1 % of the total quoted amount

Category	Tender items	EMD In Rupees/ category
Category-1	Multimedia animations & special effects	1% of the quoted value
Category-2	Hand Tools -Electronic Mechanic	1% of the quoted value
Category -3	Electronic Equipments and Instruments-Electronics Mechanic	1% of the quoted value
Category-4	Electrical and Electronic appliances-Electronic Mechanic	1% of the quoted value
Category- 2.1	Hand tools and Equipments -Auto Electrical & Electronics	1% of the quoted value
Category -5	Automobile accessories and Machineries - Auto Electrical & Electronics	1% of the quoted value
Category -6	Machines and Equipments for Cutting and Sewing programme	1% of the quoted value
Category -7	Equipment for Multi Media and Animation Class Rooms	1% of the quoted value
Category -8	Computer, Softwares and Accessories	1% of the quoted value

Category :- _____

Total Amount in Rs (in figure): _____

Total Amount in Rs (in words): _____

Amount of EMD : _____

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**Signature with seal of
the Tenderer**

Category 1.

Trade: Multimedia animations & special effects

Sl. No.	Particulars of tools	Required Unit	Rate	Total
1.	Digital still SLR camera Latest features(, 24 MPxls,Auto Flash,USB,Audio,Video Interface, Storage Media)			
2.	Digital video camera Latest features & flash-HDVD memory(57X/1800x, Audio Dolbey,Media Storage, Adapter, Rechargable Battery, USB Cable, Power Cord,AV Cable 24 MPxl			
3.	Tripod			

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Category 2**Hand Tools -Electronic Mechanic**

Sl. No.	Particulars of tools	Required Unit	Rate	Total
1	Combination plier 15cms insulated	42		
2	Long nose plier insulated 15cms	42		
3	Diagonal cutter 15cms Insulated	42		
4	End cutting nipper Insulated 15cms	42		
5	Tweezers 10cms Insulated	42		
6	Heat sink plier	21		
7	I.C tweezers/puller	42		
8	Neon glow tester	42		
9	Knob screw driver Insulated 10cms	42		
10	Screw driver set of 6	21		
11	Watch maker screwdriver set	21		
12	Knife electrician	42		
13	Adjustable spanner/slide wrench(15 cms)	21		
14	Wire stripper	21 sets		
15	Allen key	2		
16	Fire extinguisher	1 No.		
18	Rubber gloves pair	1 set		
19	Steel ruler 30cm	8 Nos		
20	Scriber 15 to 20cm	4 Nos		
21	Centre punch 10cm	4 Nos		
22	Cross pane hammer 110 gms with handle	4 Nos		
23	Hammer ball pane 220 gms with handle	4		

24	Spanners double ended metric system 6mm to 19mm by 1.6mm	4 sets		
25	Spanners single ended 6mm to 25mm by 1.6mm	6 sets		
26	Box spanners set of 4-15mm	1 set		
27	Mallet 8 oz	2 Nos		
28	Gimlet	2 Nos		
29	Tennon saw 25 cms	2 Nos		
30	Chisel wood 15cms Set of 6mm to 25mm	2 sets		
31	Chisel cold flat 10mm	2 Nos		
32	Hand shears metal cutting 25 cms	2 Nos		
33	Bradawl	2 Nos		
34	Ratchet brace drill 10 mm	2 Nos		
35	Electric drill 10mm with polishing and buffing accessories	2 Nos		
36	Hacksaw 30 cm Adjustable	4 Nos		
37	Valve base cutter	2 sets		
38	Hand operated tube bending tool	2 sets		
39	Junior saw 20cms	2 Nos		
40	File flat 20cms 2 nd cut	4 Nos		
41	File flat 15cms bastard	4 Nos		
42	File flat half round 20cms bastard	4 Nos		
43	File flat round 20 cms 2 nd cut	4 Nos		
44	File flat 20cms	4 Nos		
45	Instrument files set of 12	2 sets		
46	Vice bench 10cms jaw	2 Nos		
47	Vice bench 5 cms jaw	4 Nos		
48	Taps set 3mm to 10mm (set of 9)	2 sets		
49	Dies set 3mm to 10mm	2 sets		
50	Bench Grinder (electric)1/4 HP Single Phase	1 No.		

51	Standard Wire gauge	2 Nos		
52	Feeler gauge	2 Nos		
53	Permanent Bar Magnet 15cms	2 Nos		
54	Hydrometer	2 Nos		

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Category-3
Electronic Equipments and Instruments-Electronics Mechanic

Sl. No.	Particulars of tools And machines	Required Unit	Rate	Total
01	Equipment soldering iron 35 w	20 Nos		
02	Equipment soldering iron 250 w	2 Nos		
03	Equipment soldering 65 w	20 Nos		
04	Equipment soldering 10w	10 Nos		
05	Temperature controlled soldering station 15w	1 No		
06	Solenoid with core	2 Nos		
07	Battery eliminator	8 Nos		
08	Rheostats of assorted Values & ratings	25 Nos		
10	Insulation tester	2 Nos		
11	Transistor tester	1 No.		
12	I.C tester	1 No		
13	Logic probes	1 No.		
14	Fractional HP AC motors	2 Nos		
15	Fractional HP DC motors	2 Nos		
16	DC/AC Ammeter 0-50mA	2 Nos		
17	DC/AC Ammeter 0-500 mA	2 Nos		
18	DC/AC Ammeter 0-1mA	4 Nos		
19	DC/AC Ammeter 0-5mA	4 Nos		
20	DC/AC Ammeter 0-100mA	2 Nos		
21	Multi meter small(Analog)	10 Nos		
22	DC/AC Ammeter 0-50mA	2 Nos		
23	Digital multi meter	10 Nos		
24	E.V.M	1 No.		
25	Thermo couple meter RF 100 mA	1 No.		
26	Thermo couple meter RF 0-500 mA	1 No		
27	DC/AC voltmeter 0-5V	4 Nos		

28	DC/AC voltmeter 0-10V	4 Nos		
29	DC/AC voltmeter 0-50V	4 Nos		
30	DC/AC voltmeter 0-500V	2 Nos		
31	Watt meter A/C 250 W	1 No.		
32	Output meter	2 Nos		
33	Constant voltage transformer/Auto	4 Nos		
34	Coil winding m/c (manual	1 No.		
35	Service oscillator	4 Nos		
36	Signal tracer	4 Nos		
37	A.F oscillator	4 Nos		
38	Frequency modulator	2 Nos		
39	C.R.O	6 Nos		
40	Power supply DC 0-30v	10 Nos		
	Power supply DC 0-300V	1 No.		
41	Sweep generator with x-y display with marker	2 Nos		
42	A.C Bridge	1 No.		
43	Styles pressure gauge	1 No.		
44	TV Trainer kit Colour	1 No.		
46	Pattern generator B/W & colour	2 Nos each		
47	Signal generator AM/FM	4 Nos		
48	Signal injector	2 Nos		
49	Distortion meter	1 No.		
50	Strain gauge with load cell	2 Nos		
51	Micro processor Training kit (8025/8086)	4 Nos		
52	Digital I.C Trainer	2 Nos		
54	Frequency counter	1 No.		
55	A.F/R.F oscillator	2 Nos		
56	C.R.O trainer kit	1 No.		
57	Function generator trainer Kit	1 No.		
58	UPS trainer model	1 No.		
59	AM trainer kit(modulation & demodulation)	1 No.		
60	FM trainer kit -"-	1 No.		
61	PM trainer kit	1 No.		
62	Sampling & qualification trainer kit	1 No.		

63	PAM trainer kit(Modulation & Demodulation)	1 No.		
64	PCM -"-	1 No.		
65	PWM -"-	1 No.		
66	PPM -"-	1 No.		
67	EPROM kit	1 No.		
68	A to D trainer kit	1 No.		
69	D to A trainer kit	1 No.		
70	Power supply +5V DC	4 Nos		
71	Power supply +12V DC	4 Nos		

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Category-4
Electrical and Electronic appliances-Electronic
Mechanic

Sl. No.	Particulars of tools And machines	Required Unit	Rate	Total
1	Electric bells	16 Nos		
2	Electric buzzer	4 Nos		
3	Battery storage lead acid 6 v	2 Nos		
4	Commercial receiver transistorized/IC	2 Nos		
5	P.A amplifier	2 Nos		
6	Loudspeakers	16 Nos		
7	Micro phone (assorted)	6 Nos		
8	Receiver enchorial kit	2 Nos		
9	Push button telephone set	2 Nos		
10	Cord less telephone set	2 Nos		
11	TV Receiver B.W Solid State	3 Nos		
12	TV Receiver Coloured with latest Technology	6 Nos		
13	VCD	1 No.		
14	DVD	1 No.		
15	Car Stereo	1No		
16	Electric Steam Iron	4 No		
17	T.V camera B/W & colour	1 each		
18	Inter com. System	1 No.		
19	Cellular telephone set	2 Nos		
20	EPABX (electronic exchange)	1 No.		

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Category-2.1**Hand tools and Equipments -AUTO ELECTRICAL & ELECTRONICS”-**

Sl. No	Description	Required Unit	Rate	Total
1	Hammer Ball Peen 0.75 kg	42		
2	Chisel Cold Flat 19 mm	42		
3	Centre Punch 10mm dia x 100mm	42		
4	Steel rule 15 cm English and Metric	42		
5	Screw driver 30 cm x 9 mm blade	42		
6	Screw Driver 20 cm x 9 mm blade	42		
7	Spanner DE Set of 12 pieces (6 mm – 32 mm)	42		
8	Plier Combination 15 cm	42		
9	Hand file 20 cm second cut	42		
10	Feeler gauge 20 blades (metric)	42		
11	Ring Spanner set of 12 pieces (6 mm – 32 mm)	42		
12	Steel tool box with lock and key (folding type) size 400 x 200 x 150 mm	42		
13	Allen key set of 12 pieces (2 mm – 14 mm)	8 sets		
14	Circlip Plier (External and internal) 150 mm And 200 (two each)	16 sets		
15	Circlip Plier External 150MM	8 Nos		
16	Circlip Plier Internal 150 MM	8 Nos		
17	Circlip Plier External 200 MM	8 Nos		
18	Circlip Plier Internal 200 MM	8 Nos		
19	Philips screw driver type set of 5 pieces 100 mm –300 mm	8 sets		
20	Star Allen key	8 sets		

21	Steel Rule 300 mm	2		
22	Divider spring joint 150 mm	2		
23	Prick punch 15 cm	2		
24	Chisel cross cut 200 mm x 6 mm	1		
25	Hammer Ball Peen 0.5 kg	2		
26	Engineering square 15 cm blade	2		

27	Hammer copper 1 kg With handle	1		
28	Hack saw frame for 30 cm blade	4		
29	V-Block 75 x 38 mm pair with clamps	2		
30	Punch Hollow 6,7,8,9,10.5 and 12 mm set	1 set		
31	Hand Vice 37 mm	2		
32	Screw Driver, Electrician type 15 cm size	2		
33	File flat 35 cm bastard	2		
34	File flat 25 cm second cut	2		
35	Micrometer Outside 25 – 50 mm	1		
36	Micrometer Outside 0 – 25 mm	1		
37	Setting Hammer	1		
38	Mallet (wooden)	1		
39	Soldering iron 120 watts	2		
40	Pliers Nose straight) 150 mm and 200 mm	1 each		
41	Pliers Nose round 150 mm and 200 MM	One Each		
42	Drilling Machine (Bench) 12 mm dia	1		
43	Clip on Meter Digital and Analog	1 each		
44	Fire extinguisher	2		
45	Fire buckets with stand	4		
46	Tachometer	1		
47	Tester sparking plug “NEON” Type	1		
48	Compressor air piston type (vehicular)	1		
49	High rate discharge tester	1		
50	Pneumatic tools base model	1 set		
51	General purpose puller 8” 3 leg	1 set		
52	Stud extractor	1 set		
53	Growler -Armature testing 240 V	1		
54	Battery charger 6-24 v	1		
55	Multimeter digital and analog	1 each		
56	Continuity meter	1		
57	AC alternator slip ring puller	1		
58	AC alternator slip ring press tool	1		
59	Executive Auto Electrical Tool kit	1		
60	Distributor tester	1		
61	Electrical test bench	1		
62	Alternator regulator tester	1		

63	Hydrometer	1		
64	Batteries 12V (lead acid)	2		
65	Engine Scanner	1		

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Category-5
Automobile accessories and Machinerics
-AUTO ELECTRICAL & ELECTRONICS

Sl. No	Description	Required Unit	Rate	Total
1	Distributor – old for practice	2		
2	Starter motor, alternator, dynamo and cut out	2 each		
3	Vehicle Euro 2 Maruthi 800	1		
4	Electrical horn (different type)	4		
5	Wiper motor assembly	4		

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Category 6
Machines and Equipments for Cutting and Sewing programme

Sl No	Particulars of tools and machines	Required	Rate	Total
1	Treadle machine, Lock Stitch, drop feed flat bed treadle	5 Nos.		
2	Over locking machine twin needle, (motorized) 3-5 thread	1 Nos.		
3	Bar-tack machine	1 No.		
6	Fashion Maker Machine	1 No.		
7	Machine attachment-zipper foot, tucker foot,	2 each		
	Hem folder, zig-zag foot	1		
8	Scissors 25cm	44 Nos.		
9	Scissors left hand 25cm	2 Nos.		
10	Machine scissors, trimming edge 7"	44 Nos.		
11	Pricking scissors, edge finish	4 Nos.		
13	Measuring Tape Metric & English 150cm	44 Nos.		
14	Tailors square metric	44 Nos.		
15	Leg shaper for trouser	44 Nos.		
16	French Curve (set) No. 17	44 Nos.		
17	Diagram Square ¼", 1/5" plastic	44 Nos.		
18	Finger thimbles – steel	44 Nos.		
19	Pattern notcher	4 Nos.		
21	Pattern punch	2 Nos.		
22	Tailors wooden graduated L-square	44 Nos.		
23	Round cutter, electrically operated	1 No.		

24	Straight knife cutter, electrically operated	1 No.		
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Category 7

Equipment for Multi Media and Animation Class Rooms

SI No	Particulars of tools and machines	Required	Rate	Total
1	Split AC 1.5 Ton with 5 star	3		

Giriyas

Avon Refrigeration

Harsha

Total Amount in Rs. (in figure): _____

Total Amount in Rs. (in words): _____

Amount of EMD: (1%) _____

Category 8
Computer, Softwares and Accessories

Sl No	Particulars of tools and machines	Required	Rate	Total
1	<p>Computer System with CD Writer</p> <p>Desktop computers loaded with latest versions of Microsoft operating system Branded Only (Lenovo, Dell, HP, Acer)- not Assembled</p> <p>Intel Core Processor @ 3.1 Ghz or better, Intel original motherboard & chip set, 2 GB DDR3RAM 1066 Mhz or Above, Suitable 1 GB Graphics Card, 500 Gb SATA hard disk(3200 rmp or above),18.5" TFT/LED/LCD Monitor, Head phone with Mic light weight, Speaker(2.0 multimedia 2Wor Above)Wired, DVD Writer, Optical Keyboard, Optical Mouse</p>	5		
2	Digital paint tablet 6"*4"	4		
3	<p>Adobe Photosho Adobe Illustrator AdobeFlash Adobe After effects Adobe Premier pro Auto Desk 3Ds Max, Auto Desk Maya Antivirus</p>	For 5 systems		

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Amount of EMD: (1%)_____

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TERMS AND CONDITIONS OF TENDER

1. These terms and conditions will apply to the tenderers for the supply of instruments/equipments proposed to be purchased by SDM Educational Society, Ujire for its Vocational Training Centre at Vamanjoor under Suvarna Kayaka Kaushalyabhivruddhi Scheme, Govt of Karnataka..
2. The Society intends to purchase machines and tools as per the specifications and quantity mentioned in the list of equipments. However, Society reserves the right to purchase or not to purchase any or all of the tender items.
3. The Society also reserves the right to accept or reject any or all the tenders without assigning any reason.
4. Only branded materials are purchased
5. Any tender received after due date and time will not be accepted.
6. The tender form should be filled up in the format provided. There should be no over writing, however if there is overwriting – it should be initialed with the affixing of the seal of the tenderer, other wise it will be considered as invalid.
7. The rates quoted should be normally in Indian rupees (INR) and should be inclusive of all taxes; like: excise, sales tax, Octroi, entry tax, etc. and inclusive of packing, forwarding, Insurance and freight with FOR and CIF to the Vocational Training Centre in the Campus of SDM Mangala Jyothi Integrated School, Vamanjoor, Mangalore.
8. The tenderer shall be bound to supply the ordered instruments/equipments as per terms and at the accepted rates within the stipulated time period after receiving the first order, failing which the order shall be cancelled and the Earnest money deposit will be forfeited.
9. Only Actual manufacturers of the instruments/equipments or authorized dealers with facility for after sale service should submit the tender.
10. If the goods are sent by train, road or air transport only freight paid receipt should be sent. No payment for transportation shall be made by the Institute.
11. The Society shall not furnish any 'C' or 'D' form for obtaining sales tax exemption and concession
12. No conditions from the tenderer for sending the goods shall be entertained and that such tenders are liable to be rejected.

13. Tenderers shall submit the rates duly filled on the appropriate place in the Tender form in a sealed envelope to the Administrative Officer, SDM Mangala Jyothi Integrated School, Vamanjoor who is the incharge of VTC Programme, Requisite amount of Earnest Money Deposit (EMD)(One percent of total quoted rate)-depending up on the categories for which rates are being submitted. If a dealer wishes to submit quotes for more than one category- EMD- should be deposited separately for each category. The amount should be paid in the form of Demand Draft drawn in favour of Secretary, SDM Educational Society, Ujire. No cheque will be acceptable. Any Tender without the requisite bank draft will not be considered. The Earnest Money deposit shall be refunded within one month from the date of rejection thereof to the tenderers whose tender or tenders are not accepted.
14. The Supplier shall be responsible for satisfactory installation of the instruments/equipments and shall demonstrate the operation of the instruments/equipments and if necessary provide adequate training to the concerned staff for handling the instruments/equipments for which no additional charges will be payable.
15. Ninety Percent of the payment will be made after the supply and installation of the instruments/equipments in the site. Remaining 10 percent will be made after one month on the basis of satisfactory performance of instruments/equipments.
16. If the instruments/equipments supplied is found to be defective or not as per our specifications or is not in a satisfactory working condition the tenderer will get it replaced within stipulated time at his cost and risk. The tenderer will have to give at least one-year guarantee for satisfactory working and for repairs or replacements if anything goes wrong with the instrument during one year after installation. It is advisable to factor in three years free AMC in the quotation.
17. In case of any dispute arising on interpretation of terms and conditions or during supply of instruments the decision of Secretary, SDM Educational Society, Ujire shall be final & binding.
18. The Society is not bound to accept the lowest rates. Tender approval will be on the basis of quality and utility of the equipments.
19. Tender form and Earnest Money Deposit are non-Transferable.
20. Last date for receiving tender is 19-10-2012 , 2 PM