

**PROCUREMENT PLAN UNDER STRIVE PROJECT**

**Procurement Plan submitted by ITI Srisailam,( GR 28000041) Kurnool (Dist).A.P.**

- i. Total Planned Procurement Amount (Year 1 ) 70.11 ( in INR lakh)  
 i. Year –1 details of procurement of items (Goods, services etc.) are detailed below:

SL No	SI No in syllabus	Name of items	Specifications	Trade/Course for which it is required	Total Required	Estimated Rate / Unit(in INR Rs/-)	Total(in INR Rs/-)	Total In INR in Lakhs	Method of Procurement ( Shopping/Competitive Bidding)
		<b>PACKAGE : 01 ( Tools and Miscellaneous for Dress Making,Mechanic Diesel and Electrician Trade)</b>							
1	1	Measuring Tapes	150 cm	Dress Making	21	20	420	0.0042	Competitive Bidding
2	2	Seam Ripper		Dress Making	21	24	504	0.0050	Competitive Bidding
3	3	Thimble		Dress Making	21	40	840	0.0084	Competitive Bidding
4	4	Tailor's Card Scale Triangular		Dress Making	21	40	840	0.0084	Competitive Bidding
5	5	Tailors square	Plastic	Dress Making	21	45	945	0.0095	Competitive Bidding
6	6	French curve	Set of three	Dress Making	21	45	945	0.0095	Competitive Bidding
7	7	Thread cutter	24"	Dress Making	21	20	420	0.0042	Competitive Bidding
8	8	Scale plastic		Dress Making	21	20	420	0.0042	Competitive Bidding
9	9	Scissors	25 cm	Dress Making	21	325	6825	0.0683	Competitive Bidding
10	10	Pinking Shears		Dress Making	6	670	4020	0.0402	Competitive Bidding
11	11	Leg Shaper		Dress Making	21	1000	21000	0.2100	Competitive Bidding
12	12	Garment Hangers		Dress Making	21	1200	25200	0.2520	Competitive Bidding

*A. Reddy*  
Secretary

*M*

13	13	Screw Driver Set		Dress Making	4	250	1000	0.0100	Competitive Bidding
14	14	Table Sharpener		Dress Making	4	300	1200	0.0120	Competitive Bidding
15	15	Pressing Table		Dress Making	6	2500	15000	0.1500	Competitive Bidding
16	16	Blanket for padding of pressing Table		Dress Making	6	500	3000	0.0300	Competitive Bidding
17	17	Rubber mat	Size as per requirement	Dress Making	6	1000	6000	0.0600	Competitive Bidding
18	18	Sprayer		Dress Making	6	500	3000	0.0300	Competitive Bidding
19	19	Waste Bin Big/Small		Dress Making	12	250	3000	0.0300	Competitive Bidding
20	20	Pattern Punch		Dress Making	6	500	3000	0.0300	Competitive Bidding
21	21	Pattern Notcher		Dress Making	6	500	3000	0.0300	Competitive Bidding
22	22	Pattern Hanging Stand		Dress Making	4	5500	22000	0.2200	Competitive Bidding
23	23	Water Tub	60 cm dia	Dress Making	1	1000	1000	0.0100	Competitive Bidding
24	24	Stand for hanging dresses		Dress Making	5	3500	17500	0.1750	Competitive Bidding
25	25	Trial room with arrangements of hanging Dresses	3 side mirrors of size 150 cm X 60 cm each	Dress Making	1	10000	10000	0.1000	Competitive Bidding
26	26	Electric Automatic Steam press		Dress Making	6	3500	21000	0.2100	Competitive Bidding
27	34	Chairs with low back rest or stolls for the machines		Dress Making	20	2500	50000	0.5000	Competitive Bidding
28	35	Drafting Table		Dress Making	10	3500	35000	0.3500	Competitive Bidding
29	36	Display Board Covered with glass or Acrylic Sheet	120 X 90 cm	Dress Making	2	4000	8000	0.0800	Competitive Bidding
30	40	Pigeon hole Almirah	10 lockers with separate loking arrangements for trainees	Dress Making	2	12000	24000	0.2400	Competitive Bidding
31	41	Locks for above pigeon hole		Dress Making	20	200	4000	0.0400	Competitive Bidding
32	42	Wall clock		Dress Making	3	1000	3000	0.0300	Competitive Bidding
33	43	Calulator Desk Type		Dress Making	1	1000	1000	0.0100	Competitive Bidding

34	44	White Board with accessories	Size as per requirement	Dress Making	2	1500	3000	0.0300	Competitive Bidding
35	45	Dummy Lady, Men, Kid	Different Sizes	Dress Making	2	5000	10000	0.1000	Competitive Bidding
36	48	Work station with chair		Dress Making	6	3000	18000	0.1800	Competitive Bidding
37	49	Single desks for trainees with arrangements of keeping Books etc.		Dress Making	21	2500	52500	0.5250	Competitive Bidding
38	50	Revolving Chairs without arms		Dress Making	20	1500	30000	0.3000	Competitive Bidding
39	53	White Magnetic Board with Felt board & Accessories		Dress Making	1	4500	4500	0.0450	Competitive Bidding
40	54	Display Board		Dress Making	2	1500	3000	0.0300	Competitive Bidding
41	55	Storage Almirah		Dress Making	1	10000	10000	0.1000	Competitive Bidding
42	46	Computer system with latest configuration	Desktop Computer: CPU: 32/64 Bit i3/i5/i7 or latest processor, Speed: 3 GHz or Higher, Cache Memory: Minimum 3 MB or better. Ram: 8 GB DDR-III or higher. Hard Disk Drive: 500 GB or higher, 7200 rpm (minimum) or higher, Wi-Fi enabled. Network Card: Integrated Gigabit Ethernet (10 / 100 / 1000) - Wi-Fi, USB Mouse, USB key board and Monitor (Min. 17 Inch), Standard Ports and connectors. DVD Writer, speakers and Mic. Licensed Windows operating system / OEM Pack (Preloaded), Antivirus / Total security	Dress Making	6	76250	457500	4.5750	Competitive Bidding
43	47	Printer	Colour laser	Dress Making	1	26377	26377	0.2638	Competitive Bidding
44	52	Computer set with UPS & Multimedia Projector	Latest desk top computer with i7 or latest processor along with 3 KVA UPS and LCD projector with all accessories and all software	Dress Making	1	135000	135000	1.3500	Competitive Bidding
45	57	A/C unit split type	1.5 TR capacity with Stabilizer	Dress Making	2	42250	84500	0.8450	Competitive Bidding
46	1	Allen Key set of 12 pieces	Confirming ANSI B18.3.2M 1979, GGG-K-275D , made with S2 steel. Spherical head gives a working angle of up to 25°. HRC 60+/- 2, 20% higher torque vs Cr-V. Fine satin finish. This set consists of 12 pieces, sizes from 1/16 to 3/8"	Machanic Diesel	7 Nos	172	1204	0.0120	Competitive Bidding
47	2	Calliper inside with spring	Spring inside calliper 15cm Hardened and tempered Legs Precisioned and machined	Machanic Diesel	7 Nos	38	266	0.0027	Competitive Bidding
48	3	Callipers outside with spring	Spring outside calliper 15cm Hardened and tempered Legs Precisioned and machined	Machanic Diesel	7 Nos	38	266	0.0027	Competitive Bidding

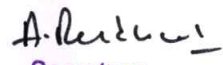
49	4	Center Punch.	. confirming to IS 7177 - 1999. Length 100mm, Made out of high grade Chrome steel accurately machined and heat treated. Deep knurling on the body ensures firm grip. It has Black phosphate finish item. Dimension: 100mm x 10mm x 10mm.	Machanic Diesel	7 Nos	32	224	0.0022	Competitive Bidding
50	5	Dividers with spring	Spring Divider 15cm Hardened and tempered Legs Precisioned and machined	Machanic Diesel	7 Nos	38	266	0.0027	Competitive Bidding
51	6	Electrician Screw Driver	Electrician Screwdriver 250mm,	Machanic Diesel	7 Nos	105	735	0.0074	Competitive Bidding
52	7	Hammer ball peen with handle	. Conform to I.S.841-1983. Drop forged from high-grade carbon steel. Partially hardened up to 46 – 58 HRC on striking surfaces needed as functional requirements for all types of hammers.Phosphated and painted to provide anti-rusting properties. Handle made from high quality Axle / Hickory wood and fixed firmly to hammer head, which does not come out even after long rough use	Machanic Diesel	7 Nos	191	1337	0.0134	Competitive Bidding
53	8	Hands file for Second cut flat	Flat Machinist File - Cut Type : 2nd Cut, Length : 200mm, width : 20.5mm, Thickness : 4.45mm	Machanic Diesel	7 Nos	80	560	0.0056	Competitive Bidding
54	9	Philips Screw Driver set of 5 pieces 100 mm to 300 mm	Confirming the IS 844-1979 standards. High Grade Alloy Steel Long life and high torque Durable and long trouble free usage. Hardness - 52 - 55 HRC High quality expensive plastic Soft material enables better gripping and Comfort in use. Black electro-lacquering finish	Machanic Diesel	7 Nos	357	2499	0.0250	Competitive Bidding
55	10	Pliers combination	150mm	Machanic Diesel	7 Nos	160	1120	0.0112	Competitive Bidding
56	11	Screw driver Blade	. confirming to IS 844 - 1979 Material: Steel, Color: Green, Length 200mm, 10mm blade Dia	Machanic Diesel	7 Nos	375	2625	0.0263	Competitive Bidding
57	12	Screw driver Blade	30 cmX 9 mm	Machanic Diesel	7 Nos	525	3675	0.0368	Competitive Bidding
58	13	Scriber	15 cm	Machanic Diesel	7 Nos	45	315	0.0032	Competitive Bidding
59	14	Spanner D.E. set of 12 pieces	6mm to 32 mm	Machanic Diesel	7 Nos	588	4116	0.0412	Competitive Bidding
60	15	Spanner, ring set of 12	6mm to 32 mm ( metric)	Machanic Diesel	7 Nos	1221	8547	0.0855	Competitive Bidding
61	16	Spanners socket with speed handle, T-bar,ratchet and universal set of 28 pieces with box	up to 32 mm	Machanic Diesel	7 Nos	4230	29610	0.2961	Competitive Bidding
62	17	Steel rule	300 mm inch and metric	Machanic Diesel	7 Nos	75	525	0.0053	Competitive Bidding

63	18	Steel tool box with lock and key (folding type)	0.5 kg	Machanic Diesel	7 Nos	1680	11760	0.1176	Competitive Bidding
64	19	Wire cutter and stripper	20 cm.	Machanic Diesel	7 Nos	49	343	0.0034	Competitive Bidding
65	20	Adjustable spanner (pipe wrench)	350 mm	Machanic Diesel	2 Nos	154	308	0.0031	Competitive Bidding
66	21	Air blow gun with standard accessories		Machanic Diesel	1 No	1170.00	1170	0.0117	Competitive Bidding
67	22	Ammeter DC with external shunt	300 A/60 A	Machanic Diesel	4 Nos	3900	15600	0.1560	Competitive Bidding
68	23	Air ratchet with standard accessories	6 to 32 mm. (metric)	Machanic Diesel	4 Nos	5925	23700	0.2370	Competitive Bidding
69	24	Air impact wrench with standard accessories	up to 32 mm	Machanic Diesel	4 Nos	7350	29400	0.2940	Competitive Bidding
70	25	Angle plate adjustable	250x150x175 mm	Machanic Diesel	1 No	6000	6000	0.0600	Competitive Bidding
71	26	Angle plate size	200x100x200 mm	Machanic Diesel	2 Nos	6000	12000	0.1200	Competitive Bidding
72	27	Anvil with Stand	50 Kgs	Machanic Diesel	1 No	4000	4000	0.0400	Competitive Bidding
73	28	Auto Electrical test bench		Machanic Diesel	1 No	107250	107250	1.0725	Competitive Bidding
74	29	Battery –charger	5 meters flexible in case	Machanic Diesel	2 Nos	17250	34500	0.3450	Competitive Bidding
75	30	Blow Lamp	1 litre	Machanic Diesel	2 Nos	1320	2640	0.0264	Competitive Bidding
76	31	Belt Tensioner gauge	Name of the Item: Belt Tensioner gauge Technical Specifications: Technical Specifications: Tensioning all automotive V-belts up to, and including, 7/8" top widths. Instructions for Product use. Scale to reads in pounds and kilograms. Measures tension from 30 to 160 lbs., and 15 to 75 kg. Features: Standard ISI Certified Warranty: One year	Machanic Diesel	1 No	5250	5250	0.0525	Competitive Bidding
77	32	Caliper inside with Spring	15 cm	Machanic Diesel	4 Nos	38	152	0.0015	Competitive Bidding
78	33	Calipers outside with spring	15 cm	Machanic Diesel	4 Nos	38	152	0.0015	Competitive Bidding
79	34	Car Jet washer with standard accessories		Machanic Diesel	1 No	11250	11250	0.1125	Competitive Bidding
80	35	Chain Pulley Block capacity with tripod stand	3 ton	Machanic Diesel	1 No	12000	12000	0.1200	Competitive Bidding

81	36	Chisel flat	15 cm	Machanic Diesel	4 Nos	77	308	0.0031	Competitive Bidding
82	37	Chisels cross cut	200 mm X 6mm	Machanic Diesel	4 Nos	₹ 84	336	0.0034	Competitive Bidding
83	38	Circlip pliers Expanding and contracting	15cm and 20cm	Machanic Diesel	4 Nos	375	1500	0.0150	Competitive Bidding
84	39	Clamps C	100mm	Machanic Diesel	2 Nos	491	981	0.0098	Competitive Bidding
85	40	Clamps C	150mm	Machanic Diesel	2 Nos	709	1418	0.0142	Competitive Bidding
86	41	Clamps C	200mm	Machanic Diesel	2 Nos	1,117	2234	0.0223	Competitive Bidding
87	42	Cleaning tray	45x30 cm.	Machanic Diesel	4 Nos	750	3000	0.0300	Competitive Bidding
88	43	Compression testing gauge suitable for diesel Engine with standard accessories	instrument for controlling compression on Diesel engines.Pressure=8 to 40 bar (8-40 calibration for Diesel engine models. ).unit weight=2.4kg.dimension of box set=440x370x100 mm.Full set of Diesel engine false injectors or false heater plugs. Provided with accessories:- Set of 5 replacement rubbers. - Set of spare cards 4-17. - Set of spare cards 8-40. - Adapter for M 12 spark plugs.	Machanic Diesel	2 Nos	4800	9600	0.0960	Competitive Bidding
89	44	Connecting rod alignment fixture	Used to check and correct the amount of twisting or bending of the following links in a 6110 automotive engine. Applicable to mini-car, brigade, any card within the car.Cheap, easy to operate, cost-effective, is the auto repair professional departments and tertiary institutions teaching aids to do the ideal equipment.	Machanic Diesel	1 No	24750	24750	0.2475	Competitive Bidding
90	45	Copper bit soldering iron 0.25 Kg,		Mechanic Diesel	4 NOS.	720	2880	0.0288	Competitive Bidding
91	46	Cylinder bore gauge capacity	20 to 160 mm	Machanic Diesel	4 Nos	7200	28800	0.2880	Competitive Bidding
92	47	Cylinder liner- Dry & wet liner, press fit & slidefit liner	Name of the Item: Cylinder liner Technical Specifications: Dry liner, press fit & slide fit liner (1 No. each) Features: Standard ISI Certified Warranty: One year	Machanic Diesel	1 No	30000	30000	0.3000	Competitive Bidding
93	48	DC Ohmmeter	0 to 300 Ohms	Machanic Diesel	2 Nos	3750	7500	0.0750	Competitive Bidding
94	49	Depth micrometer	0-25mm	Machanic Diesel	4 Nos	4700	18800	0.1880	Competitive Bidding

95	50	Dial gauge type 1 Gr. A (complete with clamping devices and with magnetic stand)	Name of the Item:DIAL GAUGE Technical Specifications:Type 1 Gr. A complete with clamping devices and with magnetic stand Range : 0-25mmProbe: Dia 25mm, Display unit: D50S – Sylvac make display unit orequivalent Display unit Resoluitiion:0.001mm / 0.0001mmRepeatability: 0.0003mm Displacement error:0.0025mmFeatures:Standard ISI Certified Warranty:One year Manuals: English language user manual to be provided.Training : In house training to be provided to the	Machanic Diesel	4 Nos	9750	39000	0.3900	Competitive Bidding
96	51	Different type of Engine Bearing model	This model is made out of original used part, will be suitably sectioned to demonstrate the internal construction details showing the minute information, types Ball, Roller, Taper, Thrust, Main and Connecting Rod	Machanic Diesel	1 Set	10125	10125	0.1013	Competitive Bidding
97	52	Different type of piston model	Different Type of Piston Model for demonstration and instruction,min four types to be supplied like Trunk pistons..crosshead pistons.slipper pistons, deflector pistons	Machanic Diesel	1 Set	6750	6750	0.0675	Competitive Bidding
98	53	Dividers with Spring	15 cm	Machanic Diesel	4 Nos	38	153	0.0015	Competitive Bidding
99	54	Drift Punch Copper	15 Cm	Machanic Diesel	4 Nos	957	3830	0.0383	Competitive Bidding
100	55	Drill point angle gauge	Drill point angle gauge - with metric system units material: steel, measures 64 THS and mm permanently etched gaduations	Machanic Diesel	1 No	1372	1372	0.0137	Competitive Bidding
101	56	Drill twist (various sizes)	1.5 mm to 15 mm by 0.5mm	Machanic Diesel	4 Nos	2250	9000	0.0900	Competitive Bidding
102	57	Electric Soldering Iron	230 V 60 watts 230 V 25 watts	Machanic Diesel	2 Each	1800	3600	0.0360	Competitive Bidding
103	58	Electric testing screw driver	Conforming to IS 5579-1985. Line Tester has high quality blade and cellulose acetate plastic Handle.Fully insulated blade ensures shock proof working. Distinct glow of Neon lamp identifies line 'live'. Features a clip for safe carrying in pocket. Size 100mm	Machanic Diesel	4 Nos	35	139	0.0014	Competitive Bidding
104	59	Engineer's square	Blade size 15 cm	Machanic Diesel	4 Nos	115	460	0.0046	Competitive Bidding
105	60	Engineers stethoscope	Specification: long needle: 250 mm short needle: 80 mm diameter: 4 mm detecting noise frequency range: 10hz - 10khz	Machanic Diesel	1 No	1275	1275	0.0128	Competitive Bidding
106	61	Feeler gauge 20 blades (metric)	This gauge is used to check flatness & gap between mating parts. Range : 0.001" to 0.025" (English / Metric) (27 Blades), Blade length - 3"	Machanic Diesel	4 Nos	555	2220	0.0222	Competitive Bidding

107	62	File flat , bastard	20 cm	Machanic Diesel	4 Nos	80	320	0.0032	Competitive Bidding
108	63	File, half round ,second cut	20 cm	Machanic Diesel	4 Nos	124	497	0.0050	Competitive Bidding
109	64	File, Square second cut	20 cm	Machanic Diesel	4 Nos	42	169	0.0017	Competitive Bidding
110	65	File, Square round	30 cm	Machanic Diesel	4 Nos	262	1048	0.0105	Competitive Bidding
111	66	File, triangular , second cut	15 cm	Machanic Diesel	4 Nos	32	128	0.0013	Competitive Bidding
112	67	Files assorted sizes and types including safe edge file (20 No's)	Files assorted sizes and types including safe edge file (20 Nos)	Machanic Diesel	2 Each	2500	5000	0.0500	Competitive Bidding
113	68	Flat File , second cut	25 cm	Machanic Diesel	4 Nos	106	425	0.0042	Competitive Bidding
114	69	Flat File , bastard	35 cm	Machanic Diesel	4 Nos	311	1246	0.0125	Competitive Bidding
115	70	Fuel feed pump for Diesel	The model of fuel feed pump is made out of original NEW feed pump. The model is mounted on to a wooden base and it is suitably painted.	Machanic Diesel	1 No	3000	3000	0.0300	Competitive Bidding
116	71	Fuel injection pump (Diesel) inline	Name of the Item: Fuel injection pump Technical Specifications: Fuel injection pump (Diesel) inline (6 cylinders New) With Complete Basic setting Chart. Features: Standard ISI Certified Warranty: One year	Machanic Diesel	1 No	10620	10620	0.1062	Competitive Bidding
117	72	Fuel injection pump dismantling tool kit /Universal Vice	Fuel injection pump dismantling tool kit/Universal	Machanic Diesel	1 No	9000	9000	0.0900	Competitive Bidding
118	73	Fuel injection pump VE pump / Distributor fuel rotary pump (DPC) pumps / along with special tools and accessories	Fuel injection pump, VE pump / Distributor fuel rotary pump (DPC) pumps/ alongwith special tools and accessories, for demonstration and practice, both rotary and inline FIPs to be provided	Machanic Diesel	1 Each	68250	68250	0.6825	Competitive Bidding
119	74	Gloves for Welding	(Leather and Asbestos)	Machanic Diesel	5 Sets	₹ 195	975	0.0098	Competitive Bidding

  
 Secretary  
 I.M.C. of Govt. I.T.I Srisailam  
 KURNOOL. DT (A.P)

  
 CHAIRMAN  
 I.M.C. of Govt. I.T.I Srisailam  
 KURNOOL. DT (A.P)



120	75	Glow plug tester	Name of the Item: Glow plug tester Technical Specifications: A standard glow plug tester for checking fault detection through LED,s for a quick analysis, short circuit, over current, normal operations, open circuit/ under current. It must allows for testing without removing glow plug from Engine. It should powers the glow plug to test the plug in its operating state. Internal 9V battery & low warning indicator • Auto shut-off when not being used Features: Standard ISI Certified Warranty: One year	Machanic Diesel	2 Nos	17250	34500	0.3450	Competitive Bidding
121	77	Grease Gun	5 kg capacity Hand operated Features:	Machanic Diesel	2 Nos	3962	7925	0.0792	Competitive Bidding
122	78	Grease Gun heavy duty trolley type	10 kg capacity	Machanic Diesel	1 No	4135	4135	0.0413	Competitive Bidding
123	79	Growler	Growler - external meter type checking capacity from 10 to 200 mm dia and or checking the reverse coil defective winding and complete for commutator ground test switch and test lead dimensions	Machanic Diesel	2 Nos	6000	12000	0.1200	Competitive Bidding
124	80	Hacksaw frame	adjustable 20-30 cm	Machanic Diesel	12 Nos	162	1944	0.0194	Competitive Bidding
125	81	Hammer Ball Peen	0.75 Kg	Machanic Diesel	4 Nos	274	1096	0.0110	Competitive Bidding
126	82	Hammer Chipping	0.25 Kg	Machanic Diesel	5 Nos	375	1875	0.0188	Competitive Bidding
127	83	Hammer copper with handle	1 Kg	Machanic Diesel	4 Nos	4000	16000	0.1600	Competitive Bidding
128	84	Hammer Mallet	Hammer Mallet - 350gm, with handle	Machanic Diesel	4 Nos	500	2000	0.0200	Competitive Bidding
129	85	Hammer Plastic	Conforming to IS 10838-1984 and weight of the Plastic hammer is 240grms	Machanic Diesel	4 Nos	675	2700	0.0270	Competitive Bidding
130	86	Hand operated crimping tool	(i) up to 4mm (ii) up to 10mm	Machanic Diesel	2 Each	2415	4830	0.0483	Competitive Bidding
131	87	Hand reamers adjustable	(REM1:SET OF 9) Adjustable straight shank, Hand precision ground Reamer of set 3. Material: High Speed Steel; Straight flutes; Number: - 6; Cutting Hole Size: Diameter of 6,8,10,12 16 mm.25mm Precision: - H7, Flute Length : - 60-80 mm ; Square End Size : - 9 x 9mm; Total Size : - 130 mm; Colour: Black/ Bright; Package Content: 1 x Adjustable Hand Reamer	Machanic Diesel	2 Set	7332	14664	0.1466	Competitive Bidding
132	88	Hand Shear Universal	250mm	Machanic Diesel	2 Nos	5520	11040	0.1104	Competitive Bidding
133	89	Hand vice	Up to 37 mm	Machanic Diesel	2 Nos	259	518	0.0052	Competitive Bidding

134	90	Hollow Punch set of seven pieces	6mm to 15mm	Machanic Diesel	2 Set	375	750	0.0075	Competitive Bidding
135	91	Injector – Multi hole type, Pintle type	Flow rate at 100 bar (n-heptane) up to 1,640 g/min Appx Number of holes - 4 to 7 holes (typical) Appx Spray type - Multi hole Spray angle overall - 110° (typical) Appx Spray angle single beam - 8 to 20° Appx Static flow tolerance - ±5 % Appx Dynamic flow tolerance - ±6 % at ti = 1.5 ms Appx	Machanic Diesel	4 Each	6525	26100	0.2610	Competitive Bidding
136	92	Injector cleaning unit	Injector Diagnosis - Petrol Maximum Capacity of engine (in cc)- 1500 Operations performed by Injector Diagnosis - low fuel pressure Number of injectors - 4 Type of display panel - LED Type of cleaner filled in canister - Carburetor cleaner, Diesel fluid and additive  Accessories available with the kit - Long flex hose "Dual scale gauge range reading for accurate pressure modulations " - Bar Availability of Fluid Pressure Control Regulator Yes Availability of Connecting terminals - Red clip Power Supply - 230 V AC ± 10 % ; 50 Hz ± 10 % Suitable Adapter / Battery Charger Working on 230 V AC ± 10 % ; 50 Hz ± 10 % NA Input power supply voltage in volts - 230 Input power supply frequency in Hertz - 40	Machanic Diesel	1 No	111000	111000	1.1100	Competitive Bidding
137	93	Injector testing set (Hand tester)	Name of the Item: Injector testing set Technical Specifications: Injector testing set (Hand tester) for testing of cars, trucks etc. Features: Standard ISI Certified Warranty: One year	Machanic Diesel	1 No	12750	12750	0.1275	Competitive Bidding
138	94	Insulated Screw driver	20 cm x 9mm blade	Machanic Diesel	4 Nos	72	286	0.0029	Competitive Bidding
139	95	Insulated Screw driver	30 cm x 9mm blade	Machanic Diesel	4 Nos	80	320	0.0032	Competitive Bidding
140	96	Left cut snips	250mm	Machanic Diesel	4 Nos	493	1971	0.0197	Competitive Bidding
141	97	Lifting jack screw	3 ton, 5ton & 20 Ton	Machanic Diesel	1 Each	5850	5850	0.0585	Competitive Bidding

142	98	Magneto spanner set with 8 spanners	Name of the Item: Magneto spanner set Technical Specifications: A standard forged Magneto spanner set with 8 spanners. Features: Standard ISI Certified	Machanic Diesel	1 Set	1125	1125	0.0113	Competitive Bidding
143	99	Magnifying glass	75mm	Machanic Diesel	2 Nos	225	450	0.0045	Competitive Bidding
144	101	Multimeter digital	DC Voltage 0.1mV ~ 1000V +(0.5% + 4digit) AC Voltage 0.1mV ~ 750V; DC Current 0.1uA ~ 20A; AC Current 0.1uA ~ 20A Resistance 0.1Ω ~ 40MΩ ;Capacitance 10pF ~ 200uF; Frequency 0.1Hz ~ 30MHz; Celsius - 40degree C ~ 1000 degree C; hhFE (NPN or PNP) 0 ~ 1000; Standard Accessories: Test Leads, Holster, Manual, TP 01 Temperature Probe Bead type	Machanic Diesel	5 Nos	2422	12110	0.1211	Competitive Bidding
145	102	Oil can	0.5/0.25 liter capacity	Machanic Diesel	4 Nos	91	362	0.0036	Competitive Bidding
146	103	Oil pump for dismantling and assembling.	The Oil pump will be mounted on wooden Basewith NEW Parts.	Machanic Diesel	2 Nos	1980	3960	0.0396	Competitive Bidding
147	104	Oil Stone	15 cm x 5 cm x 2.5 cm	Machanic Diesel	1 No	225.00	225	0.0023	Competitive Bidding
148	105	Oscilloscope	20MHz	Machanic Diesel	2 Nos	21500	43000	0.4300	Competitive Bidding
149	106	Outside micrometer	0 to 25 mm	Machanic Diesel	2 Nos	2125	4250	0.0425	Competitive Bidding
150	107	Outside micrometer	25 to 50 mm	Machanic Diesel	2 Nos	2340	4680	0.0468	Competitive Bidding
151	108	Outside micrometer	50 to 75 mm	Machanic Diesel	1 No	2430	2430	0.0243	Competitive Bidding
152	109	Outside micrometer	75 to 100 mm	Machanic Diesel	1 No	5250	5250	0.0525	Competitive Bidding
153	110	Philips Screw Driver set of 5 pieces	100 mm to 300 mm	Machanic Diesel	2 Nos	357	714	0.0071	Competitive Bidding
154	111	Pipe cutting tool and PVC PLASTIC PIPE CUTTERS	Pipe cutting tool - Medium dury type, Cut upto 25mm	Machanic Diesel	2 Nos	57	113	0.0011	Competitive Bidding
155	112	Pipe flaring tool	Pipe Flaring tool - Medium duty type, Flare up to 25 mm	Machanic Diesel	2 Nos	1200	2400	0.0240	Competitive Bidding
156	113	Piston ring compressor	Name of the Item: Piston ring compressor Technical Specifications: Piston ring compressor of maximum size or 4 inches and a minimum size of 2 inches. Features:Standard ISI Certified Warranty:One year	Machanic Diesel	2 Nos	2250	4500	0.0450	Competitive Bidding

157	114	Piston Ring expander and remover.	Name of the Item: Piston Ring expander and remover. Technical Specifications: Piston Ring expander and remover of standard make Features: Standard ISI Certified Warranty: One year	Machanic Diesel	2 Nos	3675	7350	0.0735	Competitive Bidding
158	115	Piston Ring groove cleaner.	Name of the Item: Piston Ring groove cleaner Technical Specifications: 1.Piston Ring groove cleaner with multi sizes groove cleaners. 2 Suitable to clean the all types of piston ring groove of Car, Buses, Trucks, Motorcycles etc. Features: Standard ISI Certified Warranty: One year	Machanic Diesel	1 No	900	900	0.0090	Competitive Bidding
159	116	Pliers combination	20 cm.	Machanic Diesel	2 Nos	160	320	0.0032	Competitive Bidding
160	117	Pliers flat nose	15 cm	Machanic Diesel	2 Nos	161	322	0.0032	Competitive Bidding
161	118	Pliers round nose	15 cm	Machanic Diesel	2 Nos	208	416	0.0042	Competitive Bidding
162	119	Pliers side cutting	15 cm	Machanic Diesel	2 Nos	149	297	0.0030	Competitive Bidding
163	120	Portable electric drill Machine	Electric drill 230W 6.5mm Chuck capacity Ø6.5mm Power input 230W No load speed 0-4.500/min Mains voltage 220-240V~, 50Hz Frequency 50Hz Includes Chuck key	Machanic Diesel	1 No	3450	3450	0.0345	Competitive Bidding
164	121	Prick Punch	15 cm	Machanic Diesel	4 Nos	19	76	0.0008	Competitive Bidding
165	122	Punch Letter 4mm (Number)	set 4 mm Carbon Steel Hardened & Tempered Cutting Edges (qty in sets)	Machanic Diesel	2Sets	47	93	0.0009	Competitive Bidding
166	123	Radiator cut section-cross flow	This model is made out of original NEW part, will be suitably sectioned to demonstrate the internal construction details showing the minute information Radiator cut section-showing cross flow, side tank, radiator core (fins) and radiator cap, the model will be suitably painted and mounted on a metal stand.	Machanic Diesel	1 No	15750	15750	0.1575	Competitive Bidding
167	124	Radiator cut section-down flow	This model is made out of original NEW part, will be suitably sectioned to demonstrate the internal construction details showing the minute information Radiator cut section-showing cross flow, side tank, radiator core (fins) and radiator cap, the model will be suitably painted and mounted on a metal stand.	Machanic Diesel	1 No	15750	15750	0.1575	Competitive Bidding
168	125	Radiator pressure cap	The Radiator pressure cap will be mounted on wooden Basewith NEW Parts.	Machanic Diesel	2 Nos	750	1500	0.0150	Competitive Bidding
169	126	Right cut snips	250mm	Machanic Diesel	2 Nos	493	985	0.0099	Competitive Bidding
170	127	Rivet sets snap and Dolly combined	3mm, 4mm, 6mm	Machanic Diesel	2 Nos	825	1650	0.0165	Competitive Bidding

171	128	Scraper flat	25 cm	Machanic Diesel	2 Nos	322	644	0.0064	Competitive Bidding
172	129	Scraper half round	25 cm	Machanic Diesel	2 Nos	322	644	0.0064	Competitive Bidding
173	130	Scraper Triangular	25 cm	Machanic Diesel	2 Nos	322	644	0.0064	Competitive Bidding
174	131	Scriber	15 cm	Machanic Diesel	2 Nos	45	90	0.0009	Competitive Bidding
175	132	Scriber with scribing black universal	steel made 1.5mm dia, 200mm length (9" TO 12")	Machanic Diesel	2 Nos	819	1638	0.0164	Competitive Bidding
176	133	Set of stock and dies -Metric	5mm to 24 mm H C S(Quantity in Sets)	Machanic Diesel	2 Sets	24021	48041	0.4804	Competitive Bidding
177	134	Tinnman's Shear	450 mm x 600mm	Machanic Diesel	2 Nos	1455	2910	0.0291	Competitive Bidding
178	135	Sheet Metal Gauge	Sheet Metal Gauge - Stainless steel made, wear resistant type	Machanic Diesel	2 Nos	1866	3732	0.0373	Competitive Bidding
179	136	Tinnman's Shear	300mm	Machanic Diesel	4 Nos	1155	4620	0.0462	Competitive Bidding
180	139	Spanner Clyburn	15 cm	Machanic Diesel	1 No	270	270	0.0027	Competitive Bidding
181	140	Spanner D.E. set of 12 pieces	6mm to 32mm	Machanic Diesel	4 Nos	555	2220	0.0222	Competitive Bidding
182	141	Spanner T. flocks for screwing up and up-screwing inaccessible	Spanner T. flocks for screwing up and up-screwing inaccessible positions, CRV steel made with handle	Machanic Diesel	2 Nos	675	1350	0.0135	Competitive Bidding
183	142	Spanner, adjustable	15cm	Machanic Diesel	2 Nos	141	283	0.0028	Competitive Bidding
184	143	Spanner, ring set of 12 metric sizes	6 to 32 mm.	Machanic Diesel	4 Nos	1221	4884	0.0488	Competitive Bidding
185	144	Spanners socket with speed handle, T-bar, ratchet and universal set of 28 pieces with box		Machanic Diesel	2 Nos	4230	8460	0.0846	Competitive Bidding
186	145	Spark lighter	Spark lighter	Machanic Diesel	2 Nos	90	180	0.0018	Competitive Bidding
187	146	Spark plug spanner 14mm x 18mm x Size	Spark Plug Spanner (Metric): Size: 14mm x 18mm Length of wrech:15cm, Length of bar:13cm, Material: High Grade Steel,	Machanic Diesel	2 Nos	492	983	0.0098	Competitive Bidding
188	148	Steel measuring tape in a case	10 meter	Machanic Diesel	4 Nos	72	286	0.0029	Competitive Bidding
189	149	Steel rule 15 cm inch and metric	Top edge 1/2 mm, mm. Bottom edge 1/16ths, 1/32nds, 1/64ths. Length 150mm, weidth 15mm, thickness of scale 0.5mm	Machanic Diesel	4 Nos	25	101	0.0010	Competitive Bidding

190	150	Steel rule 30 cm inch and metric	Top edge 1/2 mm, mm. Bottom edge 1/16ths, 1/32nds, 1/64ths. Length 300mm, width 15mm, thickness of scale 0.5mm	Machanic Diesel	4 Nos	55	221	0.0022	Competitive Bidding
191	151	Straight edge gauge 2 ft.	straight edge, steel, 30cm or above, for general purpose,	Machanic Diesel	2 Nos	517	1034	0.0103	Competitive Bidding
192	152	Straight edge gauge 4 ft.	Wooden straight edge 4 ft Body made of seasoned hard wood 1200mm x 50mm, 25mm thick. Handle made of PVC.	Machanic Diesel	2 Nos	1200	2400	0.0240	Competitive Bidding
193	153	Stud extractor set of 3	Name of the Item: Stud extractor Technical Specifications: 1.Stud extractor set of 3 2. easy and out Type Features: Standard ISI Certified Warranty: One year	Machanic Diesel	2 Sets	667	1334	0.0133	Competitive Bidding
194	154	Stud remover with socket handle	Name of the Item: Stud remover with socket handle Technical Specifications: Stud remover with socket handle (set of different size stud remover with socket set and handle) Features: Standard ISI Certified Warranty: One year	Machanic Diesel	1 No	525	525	0.0053	Competitive Bidding
195	155	Surface gauge with dial test indicator plunger type	0.01 mm	Machanic Diesel	4 Nos	2700	10800	0.1080	Competitive Bidding
196	156	Tachometer (Counting type)	counting type	Machanic Diesel	1 No	2500	2500	0.0250	Competitive Bidding
197	157	Tandem master cylinder with booster	This Tandem master cylinder with booster is to be used with Working model of Tandem master cylinder with booster	Machanic Diesel	4 Nos	7200	28800	0.2880	Competitive Bidding
198	158	Taps and Dies complete sets (5 types)	Taps and Dies - complete sets (5 different types) 2, 3, 4, 5, 6 MM (DIN)	Machanic Diesel	1 Set	1131	1131	0.0113	Competitive Bidding
199	159	Taps and wrenches - Metric	1.Capacity inches:0.1/4 and 2.(complete taps & tap wrench set hss 3-12)	Machanic Diesel	2 Sets	59	119	0.0012	Competitive Bidding
200	160	Telescope gauge	Telescopic gauge Technical Specifications: A standard Telescope gauge having spring loaded plunger expands with in then bore(or groove) allowing determination of the internal diameter (or groove width) and with a knurled clamp 8mm to 150mm. Features:Standard ISI Certified Warranty:One year	Machanic Diesel	4 Nos	2175	8700	0.0870	Competitive Bidding
201	161	Temperature gauge with sensor	0-100 OC	Machanic Diesel	2 Nos	6750	13500	0.1350	Competitive Bidding
202	163	Thread pitch gauge Metric	Name of the Item: Thread pitch gauge Technical Specifications: A gauge capable of measuring metric and BSW thread pitch 0.1mmto 2.5mm in metric and equivalent BSW. Features: Standard ISI Certified Warranty: One year	Machanic Diesel	2 Nos	6814	13628	0.1363	Competitive Bidding

203	164	Timing lighter	Name of the Item: Timing lighter Technical Specifications: The Timing light digital with xenon flasher lamp for dynamic ignition timing adjustment and can perform following measures and tests: Basic ignition distributor adjustment, ignition timing angle, centrifugal force adjustment, vacuum adjustment. Features: Standard ISI Certified Warranty: One year Manuals: English language user manual to be provided. Training : In house training to be provided to the Instructors of the Institute.	Machanic Diesel	2 Nos	300	600	0.0060	Competitive Bidding
204	166	Trammel	30 cm	Machanic Diesel	2 Nos	720	1440	0.0144	Competitive Bidding
205	167	Turbocharger cut sectional view	Cut Section Model of Turbocharger of Automobile suitably Painted and Mounted on Wooden Board	Machanic Diesel	1 No	16305	16305	0.1631	Competitive Bidding
206	168	Tyre pressure gauge with holding nipple	Name of the Item: Tyre pressure gauge Technical Specifications: Tyre pressure gauge with holding nipple . Digital type with filling and testing of air pressure. Features: Standard ISI Certified Warranty: One year	Machanic Diesel	2 Nos	1125	2250	0.0225	Competitive Bidding
207	169	Universal puller for removing pulleys, bearings	3Legs	Machanic Diesel	1 No	344	344	0.0034	Competitive Bidding
208	170	V' Block 75 x 38 mm pair with Clamps	Name of the Item: V' Block Technical Specifications: standard V' non magnetic Block 75 mm length and 38 mm Jaw made up of cast iron (pair with Clamps) . Features: Standard ISI Certified Warranty: One year	Machanic Diesel	2 Nos	945	1890	0.0189	Competitive Bidding
209	171	Vacuum gauge	0 to 760 mm of Hg.	Machanic Diesel	2 Nos	2475	4950	0.0495	Competitive Bidding
210	172	Valve Lifter	Name of the Item: Valve Lifter Technical Specifications: Valve Lifter universal. Features: Standard ISI Certified Warranty: One year	Machanic Diesel	1 No	2250	2250	0.0225	Competitive Bidding
211	173	Valve spring compressor universal	Name of the Item: Valve spring compressor Technical Specifications: Valve spring compressor universal Features: Standard ISI Certified Warranty: One year	Machanic Diesel	1 No	2700	2700	0.0270	Competitive Bidding
212	174	Vernier calliper	0-300 mm with least count 0.02mm	Machanic Diesel	4 Nos	6828	27312	0.2731	Competitive Bidding
213	175	Vice grip pliers	250mm	Machanic Diesel	2 Nos	300	600	0.0060	Competitive Bidding
214	176	Water pump for dismantling and assembling	The water pump will be mounted on wooden Basewith NEW Parts.	Machanic Diesel	4 Nos	3480	13920	0.1392	Competitive Bidding
215	177	Wire Gauge (metric )	Name of the Item: Wire Gauge Technical Specifications: A standard Wire Gauge capable of measuring from 1-SWG to 30 SWG. Features: Standard ISI Certified Warranty: One year	Machanic Diesel	2 Nos	171	341	0.0034	Competitive Bidding

216	192	Liquid penetrate Inspection kit	Developer, Die Penetrant, and Cleaner. 400ml each	Machanic Diesel	1 Set	900	900	0.0090	Competitive Bidding
217	182	Bench lever shears	250mm Blade x 3mm	Machanic Diesel	1 Nos	4350.00	4350	0.0435	Competitive Bidding
218	78	Earth Plate	60cm X 60cm X 3.15mm Copper plate 60cm X 60cm X 6mm GI Plate	Electrician	21 Nos	9600	201600	2.0160	Competitive Bidding
219	90	Rubber mat	Rubber Mat 2'*4'*1''	Electrician	02 Nos	2560	5120	0.0512	Competitive Bidding
220	91	Electrician Helmet	Electrician Helmet Yellow color	Electrician	02 Nos	3200	6400	0.0640	Competitive Bidding
221	92	RCC Pole with accessories (MS angle iron, 'C' clamp, stay insulator etc.) and materials	RCC Pole with accessories (MS angle iron, 'C' clamp, stay insulator etc.) and materials 6Mtr	Electrician	01 No	40960	40960	0.4096	Competitive Bidding
222	134	Solar panel with Battery	Solar panel with Battery 18W	Electrician	1 Set	16000	16000	0.1600	Competitive Bidding
<b>Package- 1 Total in lakhs</b>								<b>27.0311</b>	
<b>PACKAGE : 02 ( Equipment and Machinery for trades Dress making, Mechanic Diesel and Electrician )</b>									
1	27	Sewing Machine	Single Needle Lock stich Industrial Model heavy duty type	Dress Making	20	22500	450000	4.5000	Competitive Bidding
2	28	Over Lock Machine 3 Thread		Dress Making	1	6500	6500	0.0650	Competitive Bidding
3	29	Zig Zag Multi Purpose Machine	Zig Zag machine with features like Two dials for pattern and stitch length selection, Free arm for ease of circular stitching,, 13 built-in stitches including button hole stitch, Nine applications including stretch stitching, button fixing, rolled hemming, satin stitch, and zip fixing and smocking etc.,.	Dress Making	1	14500	14500	0.1450	Competitive Bidding
4	30	Double Needle Machine		Dress Making	1	40000	40000	0.4000	Competitive Bidding
5	31	Button Hole Machine		Dress Making	1	340000	340000	3.4000	Competitive Bidding
6	32	Button Sewing Machine		Dress Making	1	125000	125000	1.2500	Competitive Bidding
7	183	Diesel Engine – CRDI - 4 stroke	CRDI -4 stroke 4 cylinder for Dismantling and assembling with swiveling stand with new branded Engine and make ( proff of engine purchase and its document should be provided at the time of purchase.	Machanic Diesel	1 Nos	490700	490700	4.9070	Competitive Bidding



8	184	Diesel engine ( Running condition ) Stationary type	Diesel Engine ( New Running Condition) single cylinder Stationary Type with movable stand 2 1/2 feet and specification chart and board	Machanic Diesel	1 Nos	135000	135000	1.3500	Competitive Bidding
9	201	Working Condition of Diesel Engine – CRDI - 4 stroke Engine, Assembly with fault simulation board	Working Condition of Diesel Engine-CRDI -4 Stroke Engine Assembly with fault simulation board.Latest 4 stroke,4 cylinder turbo charged CRDI Engine,1100 -2200cc with ECM,BCM and sensors, wiring, fuel feed, cooling Fault setting bank for minimum 8 sensors and with diagnostic socket to read the faults. Engine management circuit diagram to be printed on the panel board. New Engine Proof of purchase and its document should be provided at the time of purchase	Machanic Diesel	1 No	5,50,700	550700	5.5070	Competitive Bidding
10	202	Cut section of 4/6 cylinder diesel engine with moving condition to show momentum of internal parts	Cut section of 4/6 cylinder diesel engine with moving condition to show momentum of internal parts with stand & specification chart/ board	Machanic Diesel	1 No	175500	175500	1.7550	Competitive Bidding
11	205	Diesel Engine six Cylinder in running condition	Diesel Engine six Cylinder in running condition latest new desel engine CRDI 4 stroke , 6 cylinder in running condition with all sensors, wiring, fuel feed ,cooling system and instrument cluster. Proof of purchase and its document should be provided at the time of purchase	Machanic Diesel	1 No	640000	640000	6.4000	Competitive Bidding
12	203	Fuel injection test bench for calibration of fuel pump		Machanic Diesel	1 No	250000	250000	2.5000	Competitive Bidding

*A. Reddy*  
Secretary  
I.M.C. of Govt. I.T.I Srisailam  
KURNOOL. DT (A.P)

*[Signature]*  
CHAIRMAN  
I.M.C. of Govt. I.T.I Srisailam  
KURNOOL. DT (A.P)

13	181	Automotive exhaust 5 gas analyser (petrol & Diesel) or Diesel Smokemeter	<p>Name of the Item: Automotive exhaust 5 gas analyzer (petrol &amp; Diesel) Technical Specifications: Features: 32 bit microprocessor based exhaust gas Analyzer, Easy to use bench top design, declaration of conformity to OIML, class 9 ISO 3930, ideal for fault finding and regulated testing measure, Co,HC,Co2, O2 and Lambda, Fast warm up time and fast response time , RPM and oil Temperature Measurement, Print result via RS 232 and CNG Vehicles. Product standard :OIML class 0, ISO 3930 PC with monitor 21" &amp; colour printer to be supplied as Std accessory. Measured Gases: Using NDIR bench CO/COs/HC using electrode - chemical cells, O2 Lambda: 0.5-2.0 power supply: 100-300 V/I Ph/50-60 Hz RPM: 2,4 stroke, DIS 2-12 cylinder warm up time 120 sec. Fuel type: Petrol, LPG, CNG weight: 5 kg (approx ) probe insertion length: 300mm Ambient operating Range + 5 deg to +45 deg ARAI approved, CE certified and ISO certified. Features:Standard ISI Certified Warranty: One year Manuals: English language user manual to be provided.Training : In house training to be provided to the Instructors of the Institute.</p>	Machanic Diesel	1 Nos	375000	375000	3.7500	Competitive Bidding
----	-----	--	--	-----------------	-------	--------	--------	--------	---------------------

*A. Reddy*  
**Secretary**  
 I.M.C. of Govt. I.T.I Srisailam  
 KURNOOL. DT (A.P)

*[Signature]*  
**CHAIRMAN**  
 I.M.C. of Govt. I.T.I Srisailam  
 KURNOOL. DT (A.P)

14	185	Discrete Component Trainer / Basic Electronics Trainer	<p>Regulated DC Power Supplies : +5 V - 1 A (Fixed), ±12 V - 500 mA (Fixed), ±12 V - 500 mA (Variable)</p> <p>AC Supply : 9 V - 0 V - 9 V / 500 mA</p> <p>Breadboard : Breadboard for making various circuits and testing them.</p> <p>External components/ICs can be fitted conveniently.</p> <p>Function generator :</p> <p>Operating modes : Sine, Square, Triangular</p> <p>Frequency range : 1 Hz to 100 KHz</p> <p>Modulation /Audio generator :</p> <p>Operating modes : Sine, Square, Triangular</p> <p>Frequency range : 1 Hz to 10 KHz</p> <p>Continuity tester : For testing the continuity. Provided with Beeper Sound.</p> <p>Interconnection for Modules : 2 mm patch cords</p> <p>Power Supply : 220 V ±10 %, 50Hz / 60 Hz on request</p> <p>Power Consumption : 3 VA</p> <p>Included Accessories :</p> <p>Bread Board : 2 nos.</p> <p>Connecting Wire : 20 nos.</p> <p>2mm to 1mm Patch cord : 8 nos.</p> <p>2mm to 2mm Patch cord 16" : 8 nos.</p> <p>Mains cord : 1 no.</p> <p>It should have following experiments :</p> <ul style="list-style-type: none"> <li>• Study of Diodes in DC circuits</li> <li>• Study of Light Emitting Diodes in DC circuits</li> <li>• Study of Half Wave Rectifier</li> <li>• Study of Full Wave Rectifier</li> <li>• Study of Zener Diode as a Voltage Regulator</li> </ul>	Machanic Diesel	1 Nos	25560	25560	0.2556	Competitive Bidding
15	186	Drilling machine bench to drill up to 12mm dia along with accessories	Drilling capacity in steel 13mm and 1/2"	Machanic Diesel	1 Nos	12000	12000	0.1200	Competitive Bidding
16	187	Dual Magnetization Yoke	AC / HWDC, 230 VAC, 50Hz	Machanic Diesel	16	20925	20925	0.2093	Competitive Bidding


*A. Anil Kumar*  
Secretary


I.M.C. of Govt. I.T.I Srisailam  
KURNOOL, DT. (A.P)

*[Signature]*  
CHAIRMAN

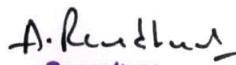
I.M.C. of Govt. I.T.I Srisailam  
KURNOOL, DT. (A.P)


17	189	Grinding machine (general purpose) D.E. pedestal with 300 mm dia. wheels rough and smooth	<p>Minimum specifications as:-</p> <p>Type - Pedestal; Grinding Machine</p> <p>Voltage - 400- 440 Volt</p> <p>Material - Cast Iron</p> <p>Grinding Wheel Speed - 2800 RPM</p> <p>Grinding Wheel Size - 300X50mm</p> <p>Wheel Center distance - 600mm</p> <p>Center height - 940-1020mm</p> <p>Motor - 2HP, 3Phase</p> <p>Working Speed - 2800 RPM</p> <p>Control System - Manual</p> <p>Additional set of Grinding Wheels - 02</p>	Machanic Diesel	1	65000	65000	0.6500	Competitive Bidding
18	180	Arbor press hand operated 2 ton capacity	<p>Name of the Item: Arbor press hand operated 2 ton capacity</p> <p>Technical Specifications: Arbor press hand operated 2 ton capacity . The press should exert maximum pressure of 2 Ton. Centre to back distance should be 190-200mm, Maximum height from base to guide shall be 380-390mm, Maximum height plate to guide shall be 340-350mm, Size of Arbor round and square 44.4mm to 50mm, weighting Approximately 90 KG. Features: Standard ISI Certified Warranty: One year Manuals: English language user manual to be provided. Training : In house training to be provided to the Instructors of the Institute.</p>	Machanic Diesel	1 Nos	47250	47250	0.4725	Competitive Bidding
19	191	Hydraulic jack HI-LIFT type -3 ton capacity, and 5 Ton capacity	<p>Hydraulic Jack:</p> <p>- Hydraulic Jack HI-LIFT</p> <p>type:-Capacity: 3 Ton</p>	Machanic Diesel	1 Each	4373	4373	0.0437	Competitive Bidding

  
 Secretary  
 I.M.C. of Govt. I.T.I Srisailam  
 KURNOOL DT (A.P).

  
 CHAIRMAN  
 I.M.C. of Govt. I.T.I Srisailam  
 KURNOOL. DT (A.P)

20	193	Multi Scan Tool with oscilloscope	<p>Name of the Item: Multi Scan Tool with oscilloscope Technical Specifications: Car, Van &amp; Asian Truck, 12v &amp; 24v. Includes 2 years software update. Operates with all protocols including canbus. Intuitive navigation and easy to use. Menu selection &amp; Auto search system. Fault code read &amp; clear. Live data &amp; one hour flight record capability. Actuator operation and coding. Graphing functions. 16pin diagnostic cable included. Optional Asian and truck adapters. 12v or 24v power supply. Faster updating speeds. WinCE 6.0 Operating System. Powerful Cortex A8 1GHz/Cortex M3 120MHz processor. 7" High resolution LCD (1024x600P). Wireless connectivity. 32GB Memory. J2534 Path-thru hardware. TPMS Support (Optional). Includes 2 Years Software &amp; 1 Year Warranty. Including all cars manufacturers Asian, American, European Etc. Features. Large range and depth of software Korean, Asian, European, USA &amp; Australian included. Menu vehicle selection, auto ECU scan, General search. Quick searching. Screen capture and memo for report reference. Flight Record replay in numeric or graphical form. ECU coding and programming. Real-time live data text capture. Log-on data transfer for quick feedback. Vehicle maintenance information (in development) Scan Functions. EMS, Airbag, ABS, Body control, Dashboard, Chassis, Comfort, Immobiliser, Diesel, etc. Self diagnosis, fault code read, store and clear. Live data display, digital, graphic, min &amp; max &amp; store. Actuator test and activation. Flight record. Service light reset, warning light reset, Coding and adaptation Standard -ISI Certified Warranty: 2 years Manuals: English language user manual to be provided. Training : In house training to be provided to the Instructors of the Institute.</p>	Machanic Diesel	1 No	232500	232500	2.3250	Competitive Bidding
21	194	Pipe Bending Machine (Hydraulic type)	<p>3.5-50 MM Pipe Diameter With One Set of Steel Casting Formers [7 Pcs] 10- 12-14-16-18-20-22 mm Power - Hydraulic, Max. Bending Rdious: 3.5-50mm Motor - 750W Pipe Wall Thickness: 2.75mm Min Bending Shoes: 1/2" Min Bending Capacy: 12mm Mon Max Pressure: 13T</p>	Machanic Diesel	1 No	39150	39150	0.3915	Competitive Bidding

  
 Secretary  
 I.M.C. of Govt. I.T.I Srisailam  
 KURNOOL. DT (A.P)

  
 CHAIRMAN  
 I.M.C. of Govt. I.T.I Srisailam  
 KURNOOL. DT (A.P)

22	195	Pneumatic rivet gun with standard accessories	Name of the Item: Pneumatic rivet gun Technical Specifications: A Pneumatic rivet gun having following specifications : Air pressure 5-7 Bar ( 75 to 100lbs/inch square ) (minimum- maximum , free air volume required 8 ltrs (.28 ft cube ) ( @ 5 bar/75 lbs/inch square ), stroke max. 7mm ( .276 inch ), motor speed spin on 2000 rpm spin off 2000rpm , pull force @ 5 bar / 75 lbs inch square 19.1 kn ( 4300 lbs ), cycle time approximately 2.5 secs noise level less than 75 db ( a ), vibration less than 2.5 m/s square ( 8 fts square ) complete with standard accessories . Features:Standard ISI Certified Warranty:One year	Machanic Diesel	2 Nos	19200	38400	0.3840	Competitive Bidding
23	196	Spring tension tester	Width of sheet max. 48" Thickness of sheet max. 14 swg.	Machanic Diesel	1 No	60000	60000	0.6000	Competitive Bidding
24	198	Trolley type portable air compressor	compressor single cylinder with 45 litres capacity Air tank, along with accessories & with working pressure 6.5 kg/sq. cm	Machanic Diesel	1 No	24750	24750	0.2475	Competitive Bidding
25	204	Electrical test bench	Alternator Output Current Digital Panel Meter 0 - 200 Amps Alternator Output Voltage Digital Panel Meter 0 - 200 Volts Starter Current Digital Panel Meter 0 - 200 Amps Starter Voltage Digital Panel Meter 0 - 200 Volts DRIVE 2 H.P. 1.5 KW Single Phase Motor with 2 Step Pulley Overload protected with circuit breaker FEATURES Inbuilt DC Power Supply 150 Amps 12 V / 24 V	Machanic Diesel	1 No	107250	107250	1.0725	Competitive Bidding
26	159	Manual Motor coil Winding Machine	Manual Motor coil Winding Machine With step arbor	Electrician	01 No	38144	38144	0.3814	Competitive Bidding
<b>Package- 2 Total in lakhs</b>							<b>43.0820</b>		

ABSTRACT FOR 1st YEAR ( Tools , Equipment and Machinery etc.,)	Estimated Amount In Lakhs
PACKAGE : 01 ( Tools and Miscellaneous for Dress Making, Mechanic Diesel and Electrician Trade)	27.0311
PACKAGE : 02 ( Equipment and Machinery for trades Dress making, Mechanic Diesel and Electrician )	43.0820
<b>GRAND TOTAL</b>	<b>70.1131</b>

*A. Reddy*  
Secretary  
I.M.C. of Govt. I.T.I Srisaifam  
KURNOOL, DT (A.P)

*[Signature]*  
CHAIRMAN  
I.M.C. of Govt. I.T.I Srisaifam  
KURNOOL, DT (A.P)

**ABSTRACT**

**Procurement plan for 1st year under Strive Scheme of Govt. ITI., Srisailam, Kurnool Dist.**


**MIS Code : GR 28000041**


S.no		1 ST YEAR	
		Trade/Courses	AMOUNT ALLOCATED AS PER ISP in Lakhs
1	<b>NON RECCURING COSTS</b>	1. Procurement of Tools, Equipment and Machinery etc., For Dress making, Mechanic Diesel, Electrician Trades as per ISP	70
		2. Minor Civil Works	5
		Sub total (A)	75
2	<b>RECCURING COST</b>	1.SALARY OF ADDITIONAL STAFF	1
		2. FACILITIES FOR TRAINEES	1
		3. MISC/TCPC CON MATERIALS	3
		SUB TOTAL(B)	5
		GRAND TOTAL(A+B)	(40%) 80 ( Rupees Eighty lakhs)

Store Keeper

Superintendent

Training Officer

  
Secretary  
I.M.C. of Govt. I.T.I Srisailam  
KURNOOL DT (A.P.)

  
IMC Chairman  
CHAIRMAN  
I.M.C. of Govt. I.T.I Srisailam  
KURNOOL DT (A.P.)