

Action Plan

PROCUREMENT OF GOODS WORKS UPTO 31ST MARCH 2005

Name of Institution & Address: J N T U College of Engineering, Anantapur (A.P)

1. Direct contracting up to US \$ 500

(Rs. in Million)

SL. NO.	ITEMS	AMOUNT	TARGET
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2. Direct Contracting for Proprietary Items up to US \$ 20,000

SL. NO.	ITEMS	AMOUNT (Rs Million)	TARGET
1.	ANSYS –Finite Element Software for static and dynamic Analysis (Full version)	0.220	31 March 2005
2.	AUTO CAD-2004 – Computer Aided Design and Drafting Software	0.50	31 March 2005
3.	STAAD Pro – Software for Analysis and design of concrete and steel Structures	0.125	31 March 2005
4.	3-D Architect & Desk top - Software package for building plans and Elevations etc.	0.100	31 March 2005
5.	STRAP – Dynamic Analysis of structures	0.125	31 March 2005
6.	Aspen plus Simulation Software, latest version	0.300	31 March 2005
7.	CHEM CAD Process Simulation Software	0.200	31 March 2005
8.	ALG Nastran – 30 user	0.125	31 March 2005
9.	CADian Mech – 5 licences	0.065	31 March 2005
10.	IRON CAD unlimited single server site licence	0.125	31 March 2005
11.	EDGE CAM - 5 user	0.110	31 March 2005
12.	Fluent- 1 user	0.100	31 March 2005
13.	ARENA Rockwell software system- 5 user	0.125	31 March 2005
14.	PSIM Software package (5 users)	0.250	31 March 2005
15.	Mipower Software package (5 users)	0.300	31 March 2005
16.	Simplorer Software package (5 users)	0.250	31 March 2005
17.	SPICE SOFTWARE	0.200	31 March 2005
18.	VHDL SOFTWARE	0.150	31 March 2005
19.	NETWORKING SIMULATION SOFTWARE	0.350	31 March 2005
20.	Books and Learning Resources of various departments	1.130	31 March 2005
TOTAL		4.850	

3. National Shopping up to US \$ 50,000

SL. NO.	ITEMS	AMOUNT (Rs Million)	TARGET
1.	a. Servers (2Nos) b. PIV Computers (50 Nos)	2.200	31 March 2005
2.	a. Computer tables (200 Nos) b. Computer chairs (200 Nos) c. Executive table (5 Nos) d. Executive chairs (5 Nos) e. Steel Almirah (10 Nos)	1.675	31 March 2005
3.	a. Storage Racks for Books b. Storage Racks for Journals	0.365	31 March 2005
4	a. 3000 KN Automatic Compression Testing Machine with Strain Control Facility, with Stress control facility and with automatic pacing system. b. Tile Abrasion Testing Machine c. Fatigue Testing Machine 300 Kg-cm (Motorized) d. Profometer for (Model Scanlog)	1.500	31 March 2005
5	a. IGBT 4 Quadrant Chopper for DC Motor b. DSP Based AC/DC Motor Control Trainer c. DSP Based Control of Three phase Induction Motor d. DSP PWM testing Unit e. Digital signal Analyzer Along with Digital probes f. Digital Oscilloscopes along with probes g. Single Phase Variacs, etc.,	1.515	31 March 2005

6	<ul style="list-style-type: none"> a. Heat pipe demonstrator b. Critical radius of insulating material c. Pin fin in natural and forced convection d. Forced convection (From heated pipe to flowing air) e. Unsteady state of heat transfer apparatus f. Two phase heat transfer apparatus(Boiling heat transfer set up) g. Thermal conductivity of metal rod h. Thermal conductivity of insulating material in slab form by guarded hot plate method i. Pinned tube heat exchanger (for air liquid system) j. Shell and tube heat exchanger (For water/water media) k. Thermal Conductivity of Insulating material in slab form by guarded hot plate method l. Regenerative heat exchanger m. Thermocouple Calibration bath n. Vertical condenser o. Anemometer p. Vertex tube apparatus q. SCXI-1102, 32 – channel thermocouple amplifier-signal conditioning module for thermocouples and low bandwidth millivolt, volt, and current input 	0.815	31 March 2005
7	<ul style="list-style-type: none"> a. Psychro meter b. Water cooling tower test rig c. Air and water heat pump 1/3 TR d. Condensing unit with evaporative condenser e. Humidifier and dehumidifier f. Air washer test bench with psychrometric chamber g. Refrigerant gas charging unit h. Vapour absorption refrigeration system(Capacity 41 Lts,) i. Window air conditioner test rig (1.5 tones) j. Air conditioning test rig with chilled water system 	0.685	31 March 2005
8.	<ul style="list-style-type: none"> a. VLSI Trainer Kits & Software b. DSP Trainer Kits c. Microcontroller trainer Kits d. Simulation Softwares 	1.615	31 March 2005

9.	a. Server systems b. Computer nodes c. 2 KVA UPS d. Laser Printer e. Split AC f. Unix – Solaris (20 user) and Linux – free; RUMBA Unix client g. Networking Components – LAN Card, Switches, Cables and Labor	1.52	31 March 2005
10.	a. Gas Chromatograph b. Rotary vacuum filters c. Plate and frame filter press d. Basket Centrifuge e. Vapor in air diffuser apparatus f. Solid in air diffusion apparatus g. Programmable logic control trainer h. Temperature control trainer	1.518	31 March 2005
Total		13.408	

Others

SL. NO.	ITEMS	AMOUNT (Rs. Millions)	TARGET
1.	Services to Community	0.200	31 March 2005
2.	Tribal Development	0.363	31 March 2005
3.	Networking Between the Institutions	0.510	31 March 2005
4.	Study Tours and Training for faculty	0.741	31 March 2005
5.	Consumables	0.250	31 March 2005
6.	Operations & Management	0.600	31 March 2005
Total		2.664	

4. National Competitive Bidding (NCB) between US\$ 50,000 to US\$ 300,000

SL. NO.	ITEMS	AMOUNT	TARGET
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Grand Total

SL. NO.	ITEMS	AMOUNT	TARGET
1.	Direct Contracting for Proprietary Items	4.850	
2.	National Shopping	13.408	
3.	National Competitive Bidding	0.000	
4.	Others	2.664	
	Total	20.922	

PROCUREMENT OF CIVIL WORKS UPTO 31ST MARCH 2005

Name of Institution & Address: JNTU College of Engineering, Anantapur, A.P.

1. National Shopping upto US \$ 50,000 (Rs. Approx. 22.5 lac)

SL. No.	Brief Description of the Works	Approx. value	Period of Completion
	NIL		

2. National Competitive Bidding between US \$ 50,000 – US & 300,000

SL. No.	Brief Description of the Works	Approx. value	Period of Completion
	NIL		

PROCUREMENT OF CIVIL WORKS DURING THE FINANCIAL YEAR 2005-2006

2. National Shopping upto US \$ 50,000 (Rs. Approx. 22.5 lac)

SL. No.	Brief Description of the Works	Approx. value	Period of Completion
1	a. Renovation and False Ceiling of SM & FM Laboratories b. Partition and False ceiling of Electrical Laboratories	2.100	April-May 2005
2	a. Renovation and False Ceiling of CAD Lab and HOD Room (MED) b. Renovation and False Ceiling of Placement cell c. Renovation and False Ceiling of Central computing lab and other computer labs	2.100	June- July 2005
3	a. Refurbishment of ECE labs b. Partition and false ceiling of EEE labs	1.800	Sept- October 2005
	Total	6.000	

2. National Competitive Bidding between US \$ 50,000 – US & 300,000

SL. No.	Brief Description of the Works	Approx. value	Period of Completion

(Sign of Nodal Officer, Civil Works)