

Government e-Procurement System
Tender Input Form-CPPP
(for ePublishing)

TENDER INPUT FORM

(A) BASIC DETAILS:

1	Tender Reference No. *	
2	Tender Type *	<input type="checkbox"/> Open <input checked="" type="checkbox"/> Limited <input type="checkbox"/> EOI <input type="checkbox"/> Auction <input type="checkbox"/> Single
3	Form of Contract *	<input type="checkbox"/> Piece Work <input type="checkbox"/> Lump-sum <input type="checkbox"/> Multi Stage <input type="checkbox"/> Supply <input type="checkbox"/> Fixed Rate <input type="checkbox"/> Turn-key <input checked="" type="checkbox"/> Buy <input type="checkbox"/> Works <input type="checkbox"/> Sale
4	No. of Covers *	<input type="checkbox"/> 1 <input type="checkbox"/> 2 <input checked="" type="checkbox"/> 3 <input type="checkbox"/> 4
5	Tender Category *	<input checked="" type="checkbox"/> Goods <input type="checkbox"/> Works <input type="checkbox"/> Services
	Account Type Head *	<input checked="" type="checkbox"/> State Government Funder <input type="checkbox"/> Central Government Funded <input type="checkbox"/> Others
6	No of Bid Openers	<input checked="" type="checkbox"/> 2 of 2
7	Payment Mode *	<input checked="" type="checkbox"/> Offline <input type="checkbox"/> Online
7 (a)	If Offline :	Instruments : <input type="checkbox"/> SS-Small Savings Instrument <input type="checkbox"/> BG-Bank Guarantee <input type="checkbox"/> BC-Bankers Cheque <input checked="" type="checkbox"/> DD-Demand Draft

(B) COVER DETAILS:

	No. of Covers	Cover type	Contents
1	Single Cover	Fee/Prequal/Technical/Financial	
2	Two Covers	(a) Fee/Prequal/Technical (b) Financial	
3	3 Covers	(a) Fee (b) Prequal/Technical (c) Financial	Fee Technical Financial
4	4 Covers	(a) Fee (b) Prequal (c) Technical (d) Financial	

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(C) NIT DOCUMENT (ONLY .JPG AND .PDF FILES ARE SUPPORTED)

SNo	File name	Type:	Size:
1	BCAS Instru. 2014(01)	PDF	

(D) WORK ITEM DETAILS:

1	Work Item Title *	Purchase of Goods
2	Work Description *	
3	Pre qual. Details	
4	Product Category *	<input type="checkbox"/> civil works <input type="checkbox"/> electrical works <input type="checkbox"/> Fleet Management <input type="checkbox"/> Computer Systems
5	Product Sub Category	
6	Contract Type *	<input type="checkbox"/> Tender <input type="checkbox"/> Empanelment
7	Tender Value *	<input type="checkbox"/> INR <input type="checkbox"/> US <input type="checkbox"/> EUR Error! Not a valid bookmark self-reference.
8	Bid Validity days * If other, specify	<input checked="" type="checkbox"/> 120 <input type="checkbox"/> 90 <input type="checkbox"/> 60 <input type="checkbox"/> 30 Error! Not a valid bookmark self-reference.
9	Completion Period in months	
10	Location (Work/services/items) *	
11	Pin code	
12	Pre Bid Meeting *	<input type="radio"/> Yes <input checked="" type="radio"/> No
	If Pre Bid Meeting is Yes	
12 (a)	Pre Bid Meeting Place *	N/A
12 (b)	Pre Bid Meeting Address *	
13	Bid Opening Place *	BCAS, Dwarka
14	Tenderer Class *	<input type="checkbox"/> A <input type="checkbox"/> B <input type="checkbox"/> C <input type="checkbox"/> D <input type="checkbox"/> E <input type="checkbox"/> I <input type="checkbox"/> II <input type="checkbox"/> III <input type="checkbox"/> IV <input type="checkbox"/> V <input type="checkbox"/> Others
15	Inviting Officer *	Principal, BCAS
16	Inviting Officer Address * Phone/email:	BCAS, Sec-2, Phase-1, Dwarka bhaskaracharya.college@gmail.com

(E) FEE DETAILS:

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1	<u>TENDER CHARGES:</u>	
1 (a)	Tender Fee	N/A
1 (b)	Processing Fee	
1 (c)	Surcharges	
1 (d)	Other Charges	
1 (e)	Tender Charges Payable To *	
1 (f)	Tender Charges Payable At *	
2	<u>EMD FEE DETAILS:</u>	
2 (a)	EMD Fee	<input checked="" type="checkbox"/> Fixed <input type="checkbox"/> Percentage
2 (b)	If EMD Fee is Fixed EMD Amount: 6500/-	If EMD Fee is Percentage EMD Percentage (%):
2 (c)	EMD Exemption Allowed	<input type="checkbox"/> Full <input type="checkbox"/> Partial <input checked="" type="checkbox"/> None
2 (d)	If EMD Exemption Allowed is Partial, EMD Exemption Percentage %	
2 (e)	EMD Fee Payable To *	Principal, Bhaskaracharya College of Applied Sciences
2 (f)	EMD Fee Payable At *	Delhi

(F) CRITICAL DATES:

		DD	MM	YYYY	Hrs	Mins
1	Publishing Date	15	10	2014	11	00
2	Document Sale Start Date	15	10	2014	11	00
3	Document Sale End Date	27	10	2014	14	00
4	Seek Clarification Start Date	15	10	2014	12	00
5	Seek Clarification End Date	27	10	2014	15	00
6	Pre Bid Meeting Date	N	A			
7	Bid Submission Start Date	15	10	2014	12	00
8	Bid Submission End Date	27	10	2014	16	00
9	Bid Opening Date	28	10	2014	14	00

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(G) UPLOADING THE TENDER DOCUMENTS;(ONLY PDF,JPG,XLS & RAR FILES ALLOWED)

SNo	File name	Description	Type	Size:
1	BHAS Instru. 2014(01)	Tender Document	PDF	
2		for Electrical		
3		Machine Instruments		
4				
5				

Prepared by:

Name/Designation

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Date of updation:

Prin
Approved by:
Name/Designation

Officiating Principal
Bhaskaracharya College of Applied Sciences
(University of Delhi)
Sector-2, Phase-I, Dwarka, New Delhi-75

Seal of the Office of the TIA:

Shakt

Specifications for Electrical Machine Instruments

S.No	Particulars	Qty.
01	<p>Power measurement kits for single phase</p> <p>1) The Panel should have facility to calculate the Power and Power factor in a Single-Phase circuit using 3 Voltmeters or 3 ammeters.</p> <p>2) Circuit diagram should be screen printed on the top of the Panel.</p> <p>3) BS 10 Type safety terminals & patch cords should be provided for Proper safety</p> <p>4) <u>Technical Specifications</u> Mains supply : 0-230V±10%,50Hz Auxiliary supply : 230V ±10%, 50Hz Choke Coil : 300mH, 5A Voltmeter : 0-500V Ammeter : 0-5A MCB : 5A Rheostat : 45 ohms/5 A External Variac: 230V/10 A single phase</p>	1
02	<p>Power measurement kits for Three phase</p> <p>1) The Panel should have facility to perform experiments like study of Measurement of Power Factor in a Three Phase Circuit</p> <p>2) Measurement of Active, Reactive and Apparent Power in a Three Phase</p> <p>3) Circuit diagram should be screen printed on the top of the Panel.</p> <p>4) BS 10 Type safety terminals & patch cords should be provided for Proper safety.</p> <p>5) <u>Technical Specifications</u> Mains Supply : Three Phase ,415V ±10%, 50Hz Load: R-L Meters : Wattmeters: 500W (2 Nos.) Voltmeter (MI) : 500V Ammeter (MI) : 1A MCB : 10A External Variac : 440V/10 A three Phase.</p>	1
03.	<p>Induction Motor</p> <p>1) Trainer should be able to perform experiments like Study of Single phase induction motor for No Load, Load test , Blocked rotor test and running & reversing of single phase induction motor.</p> <p>3) BS 10 Type safety terminals & patch cords should be provided on panel Circuit /Block diagram should be screen printed on the panel.</p> <p>4) Single Phase Variac 220V/10A should be provided with the setup</p> <p>5) <u>Technical Specifications</u> a) Motor: Single phase induction motor , capacitor start type , rating : 1 HP b) Voltage rating: 230V ± 10 % , c) Speed : 1440 RPM at no load , d) Insulation : Class B BS 10 type terminal should be brought on the top of the motor for connections to the control panel, e) Digital Tachometer 20000 RPM . f) Mechanical loading arrangement should be provided along with the motor. g) Heavy duty base/channel for motor mounting, Aluminum casted brake drum/pulley with heat suppression facility .</p> <p>h) <u>Control Panel:</u> Voltmeter : 0-300 V ; Ammeter : 0-10 A ; Wattmeter : 1500 W MCB : 10 A ; Mains Supply : Single Phase :230 V ±10%, 50 Hz Indication lamps for supply.</p>	1

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04	<p>Stepper motor</p> <ol style="list-style-type: none"> 1) Stepper motor operation through pulse circuit 2) Stepper motor operation through 8085 kit 3) Dynamic response study 4) The motor unit is housed in a separate cabinet with transparent Cover for easy viewing. 5) Interconnection with the main unit is through a standard 9-pin D-type connector. 6) All power supplies and step input signal are internally provided 7) Single stepping and free running modes of operation with speed variation and direction reversal - internal TTL circuit. 8) 360° motion Servo-Potentiometer position-pickup for motor dynamics Operation through microprocessor kit – sample control programs provided 9) Should be supplied with Microprocessor Kit 10) <u>Stepper motor specification</u> Torque: 2.8 Kg-cm ; Step angle: 1.8° Power: 6V, 1A/phase Mains supply : 220V±10%, 50Hz 	1
05	<p>Servo motor</p> <p><u>Technical Specifications</u></p> <ol style="list-style-type: none"> 1) Two phase ac servo motor (2500 RPM) housed in Aluminum case for cool operation 2) Digital Electronic speed sensor with RPM display upon panel meter 3) Digital DC Ammeter for load current 4) PMDC motor for loading 5) Torque calculation from back EMF 6) Variable isolated (on/off through separate switch) supply for AC servomotor with speed control. 7) Sockets given for output voltage (fed to motor) measurement 8) DC supply (on/off through separate switch) with potentiometer to vary PMDC motor current 9) Housed in rigid MS powder coated cabinet with molded frame 10) Mains supply : 220V±10%, 50Hz 	1
06	<p>Oscilloscope demonstrator</p> <ol style="list-style-type: none"> 1) Oscilloscope in open form with all components and controls placed on single PCB .Amplifier, Time base, Channel section signal available on test points. Separate sections for PS, EHT, VA, HA, TB & Trigger for easy identification. Fault creation & Rectification provided .Track printing with different colours on different sections on component board for easy circuit training Legend Printing on PCB for easy identification of components Can be used as a standard 20 MHz Dual Trace Oscilloscope Bandwidth : DC-20 MHz (-3 dB) Channel I, Channel II, Channel I & II Alternate or chopped, Controls provided on PCB. Channel selection signals available at Test points. X-Y operation 1:1 2) Vertical Deflection (Y) Deflection Coefficients : 12 calibrated steps 5 mV / cm - 20 V / cm Maximum Input voltage : 350 V (DC + Peak AC) Pre-Amp, Final Amp Outputs at Test Points. 3) Time base Time Coefficients : 18 calibrated steps, 0.5 μs / cm - 0.2 s / cm with magnifier x 5 to 100 ns /cm, with variable control to 40 ns / cm TB generation at Test Points 4) Trigger System: Modes : Automatic or Variable ;Source : CH I, CH II, External ; Slope : Positive or Negative ;Coupling : AC, TV Frame 5) Component Tester : Test Voltage : Max 8.6 V (Open) rms ;Test Current : Max 8 mA (Shorted) rms Test Frequency : 50 Hz, Test circuit grounded to chassis Fault Simulation : Total 15 Faults included Includes Accessories : Learning material (CD), BNC-BNC Cable 1 No., BNC - Prod tip Cable 1 No., Test Prods 1 pair., Additional Jumpers 10 	1

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