

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

**TENDER INPUT FORM**

**(A) BASIC DETAILS:**

1	Tender Reference No. *	BCAS/Quot./2014/1850 to 1859
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 (02)	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 <input type="checkbox"/> INR <input type="checkbox"/> US <input type="checkbox"/> EUR
7	Tender Value *	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 *	NA
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, Sector-2, Phase-I, Dwarka Phone - 011-25087597 bhaskaracharya.college@gmail.com

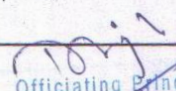
**(E) FEE DETAILS:**

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<b>1</b>	<b>TENDER CHARGES:</b>	
1 (a)	Tender Fee	NA
1 (b)	Processing Fee	
1 (c)	Surcharges	
1 (d)	Other Charges	
1 (e)	Tender Charges Payable To *	
1 (f)	Tender Charges Payable At *	
<b>2</b>	<b>EMD FEE DETAILS:</b>	
2 (a)	EMD Fee	<input checked="" type="radio"/> Fixed <input type="radio"/> Percentage
2 (b)	If EMD Fee is Fixed EMD Amount: Rs. 8000/-	If EMD Fee is Percentage EMD Percentage (%):
2 (c)	EMD Exemption Allowed	<input type="radio"/> Full <input type="radio"/> Partial <input checked="" type="radio"/> 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	NA				
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	30

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

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

SNo	File name	Description	Type	Size:
1	BCAS Instru.2014(02)	Tender document	pdf	
2		for spectrophotometer		
3		& colorimeter		
4				
5				

Prepared by:

Name/Designation

*#-11*  
DR. GEETA BHATI  
T. I. C

Date of updation:

*[Signature]*  
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:

**Enclosure - I**  
**Specifications**

S.No	Particulars	Qty.
01.	<p><b>Spectrophotometer</b></p> <ul style="list-style-type: none"> <li>• <b>OPTICS</b> Double beam Optics, Modified Czerny-Turner Monochromator geometry for better aberration correction. Holographic diffraction grating with 1200 lines/ mm blazed at 250nm.</li> <li>• <b>CONTROL : Micro Controller Based</b></li> <li>• <b>WAVELENGTH</b> Range : 200 to 1100.0 nm Accuracy : <math>\pm 0.5\text{nm}</math> Repeatability : <math>\pm 0.2\text{nm}</math> Resolution : 0.1nm Bandwidth : 2.0nm</li> <li>• <b>PHOTOMETERIC</b> Range : <math>\pm 2.5</math> Abs Accuracy : <math>\pm 0.005</math> Abs at 1.0Abs Repeatability : <math>\pm 0.002</math> Abs at 1.0 Abs</li> <li>• <b>STRAY LIGHT</b> : Less than 0.05%T at 220 nm &amp; 370nm</li> <li>• <b>BASELINE CORRECTION</b> : Automatic Baseline correction</li> <li>• <b>BASELINE FLATNESS</b> : Within <math>\pm 0.003</math> Abs (excluding noises)</li> <li>• <b>SCAN SPEED</b> : Slow, Medium &amp; Fast</li> <li>• <b>DATA INTERVAL</b> : Depends on wavelength scan range and Scan Speed; Minimum possible 0.1nm for Slow, 0.2nm for Medium and 0.4nm for Fast Scan Speeds.</li> <li>• <b>SAMPLE HOLDER</b> : 5-Position automatic positioning, for 10mm sample cuvettes and 1 fixed position for 10mm Ref.Cuvette</li> <li>• <b>SOURCE</b> : i) Tungsten-Halogen lamp(Preferred usage 320nm to 1100nm) ii) Deuterium Lamp (Preferred usage 200nm to 340nm)</li> <li>• <b>DETECTOR</b> : Two Photo Diode</li> <li>• <b>MEASURING MODES</b> : i) Absorbance ii) %Transmittance iii) Concentration (K factor, Multi standard) iv) Multi Component Analysis</li> <li>• <b>OPERATING MODES</b> : i) Single Wavelength ii) Multi Wavelength iii) Scan iv) Time Scan</li> <li>• <b>ORDER CUT-OFF FILTER</b> : Four glass filters, automatically positioned to eliminate grating spectral order Interferences.</li> <li>• <b>AUTOMATIC CALIBRATIONS/OPTIMISATIONS :</b></li> </ul>	01

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	<ul style="list-style-type: none"> <li>2. Source Optimisation</li> <li>3. Cell Optimisation</li> <li>4. Wavelength Calibration</li> <li>5. Electronic Calibration</li> <li>• <b>DATA PROCESSING :</b> i) Peak-Pick/Valley pick</li> <li>ii) Zoom (Expansion) of spectra</li> <li>iii) Derivative</li> <li>iv) Averaging of two scans</li> <li>v) Subtraction of two scans</li> <li>vi) Smoothing of spectra</li> <li>• <b>DATA PRESENTATION :</b> Display of graphic and tabular data on Graphics LCD (320 x 240pixels); hard Copy of graphs and data on Printer</li> <li>• <b>DATA STORAGE :</b> For each operating mode five user defined files can be stored using memory backup.For each mode one default file which stores last readings taken</li> <li>• <b>PRINTER PORT :</b> Epson compatible 80 Column Dot matrix</li> <li>• <b>STANDARD ACCESSORIES :</b> 2 Matched 10mm path length Quartz cuvettes</li> <li>• <b>RS-232 PORT :</b> PC Link data transfer</li> <li>• <b>OPTIONAL ACCESSORIES :</b> Holders for 100mm cylindrical and Rectangular cuvettes, Standard RS232 interface for Window Based PC Link Software for Spectrum Display, Storage/Retrieve, Peak-Pick, Point-Pick, Expansion of spectra, 1st,2nd,3rd and 4th Derivatives, Averaging of Scans, Subtraction of two Scans, Comparison of Concentration</li> <li>• <b>POWER :</b> 230V <math>\pm</math> 10%, 50 Hz</li> <li>• <b>DIMENSION :</b> 520 (W) X 500 (D) X 190 (H) mm</li> <li>• <b>WEIGHT :</b> 23 KG (Approx)</li> </ul>	
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02.	<p><b>Colorimeter</b></p> <ul style="list-style-type: none"> <li>• Wavelength Range - 400 – 700nm with 8 optical filters</li> <li>• Filter's Peak Wavelength- 420nm, 440nm,490nm, 520nm, 540nm, 570nm, 600nm, 700nm</li> <li>• Measuring Modes- %T, Abs, Conc and K factor</li> <li>• Photometric resolution - 0.1%T, 0.001Abs upto 1.999 Abs(O.D)</li> <li>• Display – 2 Line 16 character LCD</li> <li>• K Factor Range - 0 to 1999</li> <li>• Concentration – 0 to 2 times the absorbance</li> <li>• Memory – Data can be stored in memory</li> <li>• Sample volume- 1ml in 4 ml test tube/cuvette</li> <li>• Source- White LED</li> <li>• Detector- Hermetically sealed photodiode</li> <li>• Printer port – Epson compatible 80 column D.M Printer</li> <li>• Power- 230V <math>\pm</math>10%, 50Hz</li> <li>• Dimension – 160(W) X 200(D) X 100(H) mm</li> <li>• Weight – 1.5Kg (approx.)</li> <li>• <b>Accessories-</b> 4 test tubes, 2 glass cuvettes</li> </ul>	01
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