

**Format for Submission of Expression of Interest and details specification of Metal/Ceramic Powder Compaction Press, Density Measurement Instruments Kit with Analytical Weight Balance, Hydraulic KBR Press**

**Brief about Expression of Interest.**

Name of the Equipment/ Good	<b>1)Metal/Ceramic Powder Compaction Press 2)Density Measurement Instruments Kit with Analytical Weight Balance 3)Hydraulic KBR Press</b>
Location of the Supply	Veer Surendra Sai University of Technology, Burla, Odisha-768018
Name of Authority	Vice-Chancellor
Eligible firms	The firm should be the OEM/Authorized Dealers of the OEM having experience in supply and maintenance of the same item earlier.
Date of Submission of EOI	Last date is 28.11.2019
Contact person	Nodal Officer, Procurement, TEQIP-III, VSSUT, Burla
Phone Number of Contact person	9437177717
Email	<a href="mailto:pcvssutb@gmail.com">pcvssutb@gmail.com</a>
Address for submission of EoI	<u>Nodal Officer, Procurement, TEQIP-III</u> Veer Surendra Sai University of Technology, Burla, Odisha-768018.
Selection Process	Stage1: Expression of Interest (EOI); Stage 2: Quotation proposal submission in TEQIP-III format
<ul style="list-style-type: none"> <li><b><u>The EoI will be submitted by Speed Post/Registered Post only</u></b></li> </ul> <p>The sealed envelope containing the EoI should be super scribed with “<b>Expression of Interest (EoI) for supply of Metal/Ceramic Powder Compaction Press 2)Density Measurement Instruments Kit with Analytical Weight Balance 3)Hydraulic KBR Press in Department of Metallurgy &amp; Materials Engineering</b>”</p>	

**Specifications:-**

<b>1. METAL/CERAMIC POWDER COMPACTION PRESS(AUTOMATIC)</b>		
S.NO	SPECIFICATION	PARAMETERS
1.	Capacity of the press:	10 tons with automatic operation
2.	Capacity of the cylinder:	10 Tons (Max) (hydraulic power unit)
3.	Piston stroke:	150mm (Max)
4.	Upper Ram:	Stationary
5.	Loading type:	Vertical up
6.	Day light	Yes
7.	Distance between Punch and die):	150 mm
8.	Size of the platen:	450 X 450mm
9.	Press frame:	4-pillar type
10.	Pressure gauge	Digital Pressure gauge (PRESET THE LOAD)
11.	Max Working Pressure:	200 bars
12.	Model Floor Mounted	Yes
13.	Pellet die: 10mm	One Number
14.	Transparent Safety doors while pressing powders	Yes

## Universal Density Determination Set:

- Universal density set for precise and convenient density
- Determination of liquids and solids.
- Scope of delivery: Beaker, thermometer, sample holder, adapter, equalizing weights, volume plummet (stainless steel, 20 g),
- Universal submersible basket for solid bodies which float and sink.
- The wire of the submersible basket has a diameter of 0.5 mm and therefore

DENSITY MEASUREMENT INSTRUMENT KIT WITH ANALYTICAL WEIGHT BALANCE		
S.NO	SPECIFICATION	PARAMETERS
1.	Capacity	0.1 gm to 3000 gm
2.	Pan size	24cm x 24 cm or more
3.	Calibration	Automatic
4.	Display	LCD/LED
5.	Power connection	220/230volt AC
6.	Repeatability:	± 0.1 mg.
7.	Material	304 Stainless Steel

## 2. HYDRAULIC KBR PRESS

S.NO	SPECIFICATION	PARAMETERS
1.	Capacity	25Ton max
2.	Ram stroke	50 mm or more
3.	daylight	150 mm or more
4.	Usable platen size	100 mm dia or more
5.	It must have calibrated pressure gauge and high pressure seals	Yes
6.	It must be have necessary safety mechanism to prevent excessive ram stroke and excessive pressure	Yes

## APPLICANT'S EXPRESSION OF INTEREST

To,  
Nodal Officer, Procurement, TEQIP-III  
TEQIP Cell  
Veer Surendra Sai University of Technology  
PO- College of Engineering, Burla  
Sambalpur - 768018  
Odisha

**Sub: Submission of Expression of Interest for supply of ..... with the given Technical specification under TEQIP-III.**

Dear sir

In response to the Invitation for Expressions of Interest (EOI) published on \_\_\_\_\_ for the above purpose, we would like to express interest to carry out the above proposed task. As instructed, we agree to supply the equipment /item with the following Technical specification:

### **Technical specifications**

### **Organizational Details :**

1. Name of the Organization
2. Complete postal address with pin code:
3. GST No:
4. PAN No.:
5. Telephone No.
6. Fax Number
7. Mail Id:
8. Name of representative:
9. Representative Mobile Number :
10. Representative E mail Id:

**Experience in related fields:** Attach the purchase orders if supplied to the institutions or organizations of repute. This is a key requirement to consider a firm for inviting quotation.

### **Additional information (if any):**

**Declaration:** We hereby confirm that we are interested in supplying the above equipment/item as per the given Technical specification to VSSUT, Burla under TEQIP III and we certify that our organization has not been blacklisted during last three financial years. All the information provided herewith is genuine and accurate.

Sincerely Yours,

Signature of the applicant

[Full name of applicant]

Stamp.....

Date:

**Note: This is to be furnished on the letter head of the organization and signed in every page.**