

2018-19

Annex-XV

Basaveshwar Engineering College (Autonomous), S. Nijalingappa Vidyanagar, Bagalkore - 587 102
Technical Education Quality Improvement Programme (TEQIP) Phase - III

Trail Balance as on 31/03/2019

Sl No	L. F. No.	Head of Account		Debit Rs.	Credit Rs.
		Account Code	Description		
1		1.3.3.1	Consumables (1.3.3.1)	1,25,200	
2		1.3.1.1	Equipments (1.3.1.1)	79,96,433	
3		1.3.2.4	Faculty/Staff Development and Motivation (1.3.2.4)	6,58,997	
4		1.3.2.3	Graduates Employability (1.3.2.3)	22,55,071	
5		1.3.2	Grants - Academic Processes (1.3.2)	-	75,56,414
6		1.3.3	Grants - Operating Costs (1.3.3)	-	27,85,843
7		1.3.1	Grants - Procurement (1.3.1)	-	79,96,433
8		1.3.3.5	Hiring of Vehicles	36,300	
9		1.3.2.1	Improve Students Learning (1.3.2.1)	8,90,592	
10		1.3.2.11	Industry-Institute Interaction (1.3.2.11)	4,83,785	
11		1.3.2.9	Management Capacity Development (1.3.2.9)	22,000	
12		1.3.3.4	Meetings (1.3.3.4)	15,33,628	
13		1.3.2.7	Mentoring / Twinning Systems (1.3.2.7)	8,55,367	
14		1.3.3.3	Office Expenses (1.3.3.3)	47,996	
15		1.3.3.2	Operation & Maintenance of Equipments (1.3.3.2)	2,23,323	
16		1.3.2.8	Reforms and Governance (1.3.2.8)	5,50,953	
17		1.3.2.5	Research and Development (1.3.2.5)	1,83,677	
18		1.3.2.2	Research Assistantships (1.3.2.2)	16,15,972	
19		1.3.3.7	Salary (Gross) (1.3.3.7)	8,19,396.00	
Total				1,83,38,690	1,83,38,690

For GRSM & ASSOCIATES

Chartered Account:

FRN 0008/33

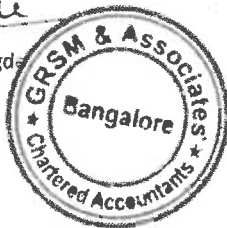
Gopalkrishna Hegde

Partner

M. No 208063

Date: 29-05-2019

Place: Bengaluru



Temp Coordinator
 Programme Coordinator (TEQIP)
 Basaveshwar Engineering College
 BAGALKOT.

Principal
 Principal
 Basaveshwar Engineering
 College (Autonomous)
 Bagalkot

PRINCIPAL,
Basaveshwar Engineering College
BAGALKOT

Receipts & Payments Account for the year ending on 31st March 2019

Receipt	31st March 2019		31st March 2018		Payment	31st March 2019		31st March 2018	
1. Opening Balance:					1. Releases to:				
i) Cash In Hand					2. Payemnts to Consultants, Seminars and workshops:				
ii) Cash at Bank					(i) Improve Student Learning	8,90,592		15,15,099	
2. Received from MHRD:					(ii) Research Assistantship	16,15,972		5,93,612	
Academic Processes	75,56,414		59,42,716		(iii) Graduates Employability	22,55,071		-	
Operating Cost	27,85,843		11,74,849		(iv) Faculty/Staff Development and motivation	6,98,997		22,21,563	
Procurement	79,96,433		78,99,414		(v) Research & Development	1,83,677		80,436	
		1,83,38,690		1,50,16,979	(vi) MOOCs and Digital Learning	-		-	
3. Other receipt:					(vii) Mentoring /Twinning System	8,55,367		6,44,372	
					(viii) Reforms & Governance	5,50,953		4,37,740	
					(ix) Management Capacity Development	22,000		3,38,644	
					(x) Hiring Consultancy Services	-		-	
					(xi) Industry-Institute-Interaction	4,83,785		1,11,250	
					3. Procurement of Assets:		75,56,414		59,42,716
					(i) Equipments	79,96,433		78,99,414	
					(ii) Learning resources	-		-	
					(iii) Furniture	-		-	
					(iv) Minor civil works	-		-	
					4. Administration Expenditure:		79,96,433		78,99,414
					(i) Consumables	1,25,200		69,653	
					(ii) Operation & Maintenance of Equipments	2,23,323		5,27,437	
					(iii) Office Expenses	47,996		62,876	
					(iv) Meetings	15,33,628		1,49,927	
					(v) Hiring of Vehicles	36,300		-	
					(vi) Travel Cost	-		-	
					(vii) Salary	8,19,396		3,64,956	
					5. Others		27,85,843		11,74,849
					6. Closing Balance:				
					i) Cash in Hand				
					ii) Cash at Bank				
Total		1,83,38,690		1,50,16,979	Total		1,83,38,690		1,50,16,979

As per our report of Even date
 For GRSM & ASSOCIATES
 Chartered Accountants
 FRN 0008735

Gopalkrishna Hegde
 Partner
 M. No 208063

Date: 29-05-2019
 Place: Bengaluru



Program Coordinator
 Basaveshwar Engineering College
 BAGALKOT

Principal
 Basaveshwar Engineering College (Autonomous)
 Bagalkot

PRINCIPAL,
 Basaveshwar Engineering College
 BAGALKOT

1
2019-20

Annex-XV

Basaveshwar Engineering College (Autonomous), S. Nijalingappa Vidyanagar, Bagalkore - 587 102
Technical Education Quality Improvement Programme (TEQIP) Phase - III

Trail Balance as on 31-03-2020

Sl No	L. F. No.	Head of Account		Debit Rs.	Credit Rs.
		Account Code	Description		
1		1.3.3.1	Consumables (1.3.3.1)	320,491	
2		1.3.1.1	Equipments (1.3.1.1)	19,611,396	
3		1.3.2.4	Faculty/staff Development and Motivation (1.3.2.4)	2,212,270	
4		1.3.2.3	Graduates Employability (1.3.2.3)	36,052	
5		1.3.2	Grants - Academic Processes (1.3.2)	-	11,447,899
6		1.3.3	Grants - Operating Costs (1.3.3)	-	3,024,050
7		1.3.1	Grants - Procurement (1.3.1)	-	22,604,031
8		1.3.3.5	Hiring of Vehicles	148,545	
9		1.3.2.1	Improve Students Learning (1.3.2.1)	3,944,355	
10		1.3.2.11	Industry-Institute Interaction (1.3.2.11)	1,513,887	
11		1.3.3.4	Meetings (1.3.3.4)	1,271,184	
12		1.3.2.7	Mentoring / Twinning Systems (1.3.2.7)	646,640	
13		1.3.3.3	Office Expenses (1.3.3.3)	132,436	
14		1.3.3.2	Operation & Maintenance of Equipments (1.3.3.2)	128,292	
15		1.3.2.8	Reforms and Governance (1.3.2.8)	53,344	
16		1.3.2.5	Research and Development (1.3.2.5)	157,758	
17		1.3.2.2	Research Assistantships (1.3.2.2)	2,544,233	
18		1.3.3.7	Salary (Gross) (1.3.3.7)	994,276.00	
19		1.3.3.6	Travel Cost (1.3.3.6)	28,826.00	
20		1.3.3.6	Furniture ()	774,375.00	
21		1.3.1.4	Minor Civil Works (1.3.1.4)	2,218,260.00	
22		1.3.2.6	MOOCa and Digital learning (1.3.2.6)	138,450.00	
23		1.3.2.10	Services (1.3.2.10)	198,760.00	
25			Advance to Staff	1,800.00	
26			Advance to Students	350.00	
Total				37,075,980	37,075,980

For GRSM & ASSOCIATES

Chartered Accountant

FRN 000863S



Gopalkrishna Hegde

Partner

M. No 208063

S. Nijalingappa
TEQIP Coordinator

Programme Co-ordinator (TEQIP)

Basaveshwar Engineering College

BAGALKOT.

S. Nijalingappa
Principal
Basaveshwar Engineering
College (Autonomous)
& Bagalkot

Date: 26/06/2020

Place: Bengaluru

S. Nijalingappa
PRINCIPAL,
Basaveshwar Engineering College
BAGALKOT

Receipts & Payments Account for the year ending on 31st March 2020

Receipt	31st March 2020		31st March 2019		Payment	31st March 2020		Amount in Rs. 31st March 2019	
1. Opening Balance:									
i) Cash in Hand					1. Releases to:				
ii) Cash at Bank					2. Payemnts to Consultants, Seminars and workshops:				
2. Received from MHRD:					(i) Improve Student Learning	3,944,355			
Academic Processes	11,447,899		7,556,414		(ii) Research Assistantship	2,544,233		890,592	
Operating Cost	3,024,050		2,785,843		(iii) Graduates Employability	36,052		1,615,972	
Procurement	22,604,031		7,996,433		(iv) Faculty/Staff Development and motivation	2,212,270		2,255,071	
3. Other receipt:					(v) Research & Development	157,758		698,997	
		37,075,980		18,338,690	(vi) MOOCs and Digital Learning	138,450		183,677	
					(vii) Mentoring /Twinning System	646,640		-	
					(viii) Reforms & Governance	53,344		855,367	
					(ix) Management Capacity Development	-		550,953	
					(x) Hiring Consultancy Services	198,760		22,000	
					(xi) Industry-Institute-Interaction	1,513,887		-	
							11,445,749	483,785	7,556,414
					3. Procurement of Assets:				
					(i) Equipments	19,611,396		7,996,433	
					(ii) Learning resources	-		-	
					(iii) Furniture	774,375.00		-	
					(iv) Minor civil works	2,218,260.00		-	
					4. Administration Expenditure:		22,604,031		7,996,433
					(i) Consumables	320,491		125,200	
					(ii) Operation & Maintenance of Equipments	128,292		223,323	
					(iii) Office Expenses	132,436		47,996	
					(iv) Meetings	1,271,184		1,533,628	
					(v) Hiring of Vehicles	148,545		36,300	
					(vi) Travel Cost	28,826		-	
					(vii) Salary	994,276		819,396	
					5. Others		3,024,050		2,785,843
					Advances		2,150		
					6. Closing Balance:				
					i) Cash In Hand				
					ii) Cash at Bank				
Total		37,075,980		18,338,690	Total		37,075,980		18,338,690

As per our report of Even date
 For GRSM & ASSOCIATES
 Chartered Accountants
 FRN 0008525

Gopalkrishna Hegde
 Partner
 M. No 208063



Date : 26.06.2020
 Place: Bengaluru

[Signature]
 Program Coordinator (TEQIP)
 Basaveshwar Engineering College
 BAGALKOT.

[Signature] 26/6/2020
 Principal
 Basaveshwar Engineering College (Autonomous)
 Bagalkot
**PRINCIPAL,
 Basaveshwar Engineering College
 BAGALKOT**



Welcome: SHANKARAYYA KAMBALIMATH
 User Type: AGENCYDO
 Agency: Basaveshwar Engineering College-Science & Technology
 Entrepreneurs Park
 Financial Year: 2019-2020



Public Financial Management System-PFMS
 (U/o Controller General of Accounts, Ministry of Finance)

- AdhocReports
- Home
- Scholarship Management
- My Account
- Users
- E-Payment
- Health Module
- Sanctions
- Reports
- My Details
- Masters
- My Schemes
- Agencies
- EAT MIS Process
- My Funds
- Transfers
- Advances
- Expenditures
- Bank
- Misc. Deduction Filing
- Utilisation Certificate
- Accounting System Integration

Sanction Number: EEC/BSK/TEQIP-III/Academic/0666 **Sanction Date:** 29/08/2019

Voucher Number: BP-2019-20-359

Account Number: 3702002100021759 **Agency Name In Bank:** NATIONAL PROJECT IMPLEMENTATION UNIT

Plan Scheme: 2038-TECHNICAL EDUCATION QUALITY IMPROVEMENT PROJECT OF GOI (EAP) CS **Project:**

Status: Created **Bank name:** PUNJAB NATIONAL BANK

Amount: 6218.00 **Remarks:**

Created By: SGKAMBALIMATH **Created On:** 05/09/2019

Modified By: SGKAMBALIMATH **Modified On:** 05/09/2019

Purpose for Expenditure: Expenditure towards GIAN course on "Design of Concrete Structure Reinforced with Fiber Reinforced Polymer Bars" at NITK, Surathkal from 29.07.2019 to 02.08.2019 **Uploaded Sanction Letter:** Academic_1666.pdf

Payment Details:

Transaction ID	Invoice / Receipt No.	Amount	USE INVOICE No.	Uploadment Type	Payment Date	Payment Mode
PARAMESHWAR	20177564998	6218.00	SBIIN6020235	EpaymentUsingDigitalSignature	9/5/2019 12:00:00 AM	TEQIP

Scheme Component Details:

Component Code	Description	Amount	Remarks	Total
1.3.2.4	Faculty/staff development and motivation	6218.00	N/A	6218.00

Vendor / Beneficiary Details:

Account No.	Bank Name	Branch	IFSC
20177564998 - PARAMESHWAR	PARAMESHWAR (VARADK00011095)		6218.00

Successfully Saved For Submitted

PRINCIPAL,
Basaveshwar Engineering College
BAGALKOT



BASAVESHWAR ENGINEERING COLLEGE (AUTONOMOUS)
BAGALKOT- 587 103

B. V. V. S

Technical Education Quality Improvement Programme - III (TEQIP-III)

(TRNG - I)

Name of Faculty/Staff/Student	: Dr. P. N. Hiremath
Department	: CV
Name of Program	: GIAN Course on "Design of Concrete Structures Reinforced with Fiber Reinforced Polymer (FRP) Bars at NITK Surathkal"
Program date	: 29 July to 02 Aug. 2019
Budget in (Rs.)	: Rs 12,500/-
Advance Amount in (Rs.)	:
BOG Approval Date	:
REMARKS	
1. Nodal Officer Academic	: Dr. P.N. Hiremath may be permitted to attend GIAN programme at NITK Surathkal and a budget of Rs 12500 may be sanctioned. <i>JA 30/8/19</i> Academic requirements are met bills may be procured as per norm. <i>JA 30/8/19</i>
2. Nodal Officer Finance	: May be permitted <i>JA 30/08/19</i>
3. TEQIP Coordinator	: may be permitted <i>JA 31/8/19</i> Bills may be permitted <i>JA 31/8/19</i>
4. Principal	: <i>Emel</i>

JA
PRINCIPAL,
Basaveshwar Engineering College
BAGALKOT



CHIR-AYU CONTROLS PVT. LTD.

TAX INVOICE

CHIR-AYU CONTROLS PVT. LTD. 4, Golden Apartment, Subhanpura Road Subhanpura, Vadodara: 390023 Gujarat, INDIA T : +91 265 2282246, +91 7878758606 GST NO.: 24AAECC9611Q1ZA		Invoice No. G/0162	Dated 18/09/2019	
			Mode/Terms of Payment : As per P.O Terms & Condition	
		Ref No. BEC/BGK/TEQIP- III/62/2019-20	Dated 25/06/2019	
To, THE PRINCIPAL BASAVESHWAR ENGINEERING COLLEGE (Autonomous) S.NIJALINGAPPA, VIDYANAGAR BAGALKOT – 587102, KARNATAKA.		Dispatch through:	Destination: BASAVESHWAR ENGINEERING COLLEGE(Autonomous), BAGALKOT, KARNATAKA	
		Terms of Delivery As per Purchase Order		
Sr. No.	Item Name	Quantity	Rate (Rs.)	Amount (Rs.)
1	Compression Testing Machine Servo Control Make: Controls S.p.A, Italy Model No: 70-C20U82 Serial No: 17001529	01	18,51,250.00	18,51,250.00
2	IGST (5%) Round Off		92,562.50	92,562.50 -0.50
TOTAL AMOUNT				19,43,812.00
Amount Chargeable (in words): Rupees Nineteen Lakhs Forty Three Thousand Eight Hundred Twelve only				
NOTE: Specification as per Annexure -1 is attached with this Invoice.				
Bank Details: CHIR-AYU CONTROLS PVT.LTD. HDFC Bank A/C No: 50200005719042 RTGS/NEFT IFSC Code: HDFC 0001713 Branch: SUBHANPURA		CHIR-AYU CONTROLS PVT. LTD. Authorized Signatory		

PRINCIPAL,
Basaveshwar Engineering College
BAGALKOT

4, Golden Apartment, Subhanpura, Vadodara - 390023. Gujarat, INDIA T : +91 265 2282246, 7878758606

E : sales@chirayugroup.in W : www.chirayugroup.in GSTIN : 24AAECC9611Q1ZA PAN No : AAEC9611Q



Received Goods in good Condition

Stock Register Name: Fixed Asset

Register Title Page No. 15

SL No. 14 Date: 18/09/2019


Nodal Officer
Procurement


Program
Co-ordinator


Principal



Annexure - 1

Item Name	Specifications
Compression testing machine Servo Control	<p>Compression Testing Machine Servo Control: Computerized control console for up to 2 frames (expandable up to 4) capable to perform the following tests:- Compression, Flexure, Indirect Tensile strength (software module included);- Energy absorption by displacement/strain controlled test - Fiber Reinforced Concrete (optional software module required);Conforming to IS/EN and ASTM norms, PC included, 230V, 50-60Hz, 1 phase. HYDRAULIC SYSTEM:- Max. working pressure 700 bar, Double stage pumping system, high delivery-low pressure for fast approach and low delivery-high pressure for test execution, Hydraulic block suitable for the connection of 2 frames, expandable to 4, ES Energy Saving technologies for reduction of power consumption and silent operations, FLOW SHARING Technology for the automatic execution of loading and unloading cycles, DC motor 720 W. HARDWARE AND FIRMWARE:- Effective resolution 131000 points, High frequency PID closed loop control, Control frequency 500 Hz, Sampling rate 500 Hz, Saving of calibration curves for immediate connection of various sensors, Digital linearization of the calibration by automatic multi-coefficient factor. PC and SOFTWARE:- Main software MULTITEST allows remote control of the whole system and the automatic execution of test including fast approaching, zeroing, test execution, numerical and graphical management of test results, etc. active frame selection via software printing and saving of customized test reports both for single and batch tests in Excel format. Multi-language including preset languages and the use of 4 software packages each one tailored for a specific test method. DATAMANAGER software package (included) for compression, indirect tensile, 3 point and 4 point flexural tests on different types of specimens. D-Control software package (optional code 82-SW/DC) for displacement controlled tests allowing automatic calculation of test results according to EN 14651, 14488-3, 14488-5, UNI 11039-2, ASTM C1550, C1609, C947, UNE 83515, 8 test pre-set testing procedures according to the above Standards. Customizable test procedure allowing desired loading history. Possibility to change in real time the test, parameters: target load/displacement, control variable, test speed. Data saving rate 250/sec.D-Control software package for energy absorption, displacement/strain controlled tests allowing. Automatic calculation of test results according EN 14651, 14488-3, 14488-5, UNI 11039-2, ASTM C1550, C1609, C947, UNE 83515 (8 pre-set testing procedures). Fully customizable test procedure. Loading path time: load/displacement target, controlled channel, test speed. Multi-language including preset languages and editable local language (Latin letters only). High precision displacement transducer, LDT type, 100mm travel, output 2mv/v. Compression Testing Frame 3000 kN confirms to IS:14858 (2000) and calibrated with an accuracy of +/- 1%. Capacity: 3000 kN, Platen Size: 300 mm dia x 50mm, Vertical Daylight: 350mm, Horizontal Daylight: 380 mm, Depth: 400mm. Piston stroke: 50mm.Including distance piece and hydraulic hose. For Cubes up to 200mm and Cylinder up to 160x320mm dia. High Stiffness 4 welded column frame heavy duty spherical seat limit switch for preventing piston travel complete with front door rear transparent guard 300 kN cap. Flexure frame complete with rollers. For centre and two point loading on concrete Piston travel 100 mm, Piston travel limit switch included for safety distance between upper rollers adjustable for two point loading or single roller for centre point loading Vertical Day light : 350 mm Span up to : 2000mm.</p>



PRINCIPAL,
Basaveshwar Engineering College
BAGALKOT

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E : sales@chirayugroup.in W : www.chirayugroup.in GSTIN : 24AAECC9611Q1ZA PAN No : AAECC9611Q



**INVOICE**

CHIR-AYU CONTROLS PVT. LTD.

CHIR-AYU CONTROLS PVT LTD 4, Golden Apartment, Subhanpura Vadodara: 390023, Gujarat, INDIA T : +91 265 2282246, +91 7878758606 GST NO.: 24AAECC9611Q1ZA	Invoice No. G/0176	Dated: 27/09/2019
	Ref No. BEC/BGK/TEQIP- III/65/2019-20	Mode/Terms of Payment : As per Condition
To, THE PRINCIPAL BASAVESHWAR ENGINEERING COLLEGE (Autonomous) S.NIJALINGAPPA, VIDYANAGAR BAGALKOT - 587102 KARNATAKA.	Dispatch through:	Destination : BASAVESHWAR ENGINEERING COLLEGE (Autonomous), BAGALKOT-587102, Karnataka
	Terms of Delivery As per Purchase Order	

Sr. No.	Item Name	Quantity	Rate (Rs.)	Amount (Rs.)
1	Cyclic Triaxial Testing Machine	01	51,25,000.00	51,25,000.00
2	IGST (5%)	01	2,56,250.00	2,56,250.00
Make: Controls S.p.A, Italy Model No.: 31-WF70E06 Serial No.:19006024				
TOTAL AMOUNT				53,81,250.00

Amount Chargeable (in words): Rupees Fifty Three Lakhs Eighty One Thousand Two Hundred Fifty only

NOTE: Specifications as per Annexure -1 is attached with this Invoice.

Bank Details:

CHIR-AYU CONTROLS PVT.LTD.
HDFC Bank
A/C No: 50200005719042
RTGS/NEFT IFSC Code: HDFC 0001713
Branch: SUBHANPURA

CHIR-AYU CONTROLS PVT. LTD.



Authorized Signatory

PRINCIPAL,
Basaveshwar Engineering College
BAGALKOT

4, Golden Apartment, Subhanpura, Vadodara - 390023. Gujarat, INDIA T : +91 265 2282246, 7878758606

E : sales@chirayugroup.in W : www.chirayugroup.in GSTIN : 24AAECC9611Q1ZA PAN No : AAEC9611Q



Received Goods in good Condition
stock Register Name: Fixed Asset

Register TEG IP-III Page No: 17

SL No: 16 Date: 30/9/2019


Nodal Officer
Procurement


Program
Co-ordinator


Principal

27

PRINCIPAL
Government Engineering College
BANGALORE

Annexure I

Item Name: Cyclic Triaxial Testing Machine

Specifications: The dynamic triaxial system shall comply with the relevant Standards: ASTM D3999 | ASTM D5311 | ASTM D7181 | ASTM D2850 | ASTM D4746 | BS 1377:7 | BS 1377:8|. It shall cover the determination of the modulus and damping properties of soils in either intact or reconstituted states by either load or stroke controlled cyclic triaxial techniques. The system shall also perform traditional triaxial tests such as UU, CU and CD as well as more advanced tests such as stress paths and K0. The essential components of the dynamic triaxial system shall feature the following specification:

- 1) Mode of operation: Electromechanical Servo actuation, without air compressor or hydraulic power supply for the vertical force
- 2) Maximum Dynamic load: 15 kN
- 3) Maximum Static load: 10 kN
- 4) Robust, high-strength and compact 2 column reaction frame
- 5) Capable to accept triaxial cell for sample up to 100 mm diameter
- 6) Complete test automation of all stages using a high sensitivity closed loop P.I.D. feedback (up to 10 kHz).
- 7) Standard and user defined wave shapes programmable by the user matching the on-site measurements (earthquakes)
- 8) Transducers calibration and verification controlled by software
- 9) Manual and automatic emergency shut off functions
- 10) Air reservoir provided with two servo-valves for cell and back pressure control
- 11) Compact Dynamic Controller connected to the PC via Ethernet communication link (100 Mbit/s)
- 12) The controller shall adopt advanced electronic hardware for total reliability and high performances and providing local on-site support.
- 13) 16 bit ADC input channels for transducers (16 channels)
- 14) Multi voltage – Multi frequency power supply 230 V, 50 Hz or 110 V, 60 Hz

Software: Multitasking, user-friendly Windows-based software pre-installed on Desktop PC. The PC shall be supplied with the system. The software shall provide the following functions and stages of a cyclic triaxial test: Saturation, Cell pressure increments with B value check - Back pressure increments with volume change measurement, Cell and back pressure ramp, Consolidation, Isotropic consolidation with continuous volume change measurement, Ko consolidation Vertical loading with sample diameter control using either: Direct measurement by radial belt with on-sample transducers, Measurement of sample volume change and height Stress path, Horizontal and Vertical Stress, s , t (average stress and shear stress), p , q (mean normal stress and deviator stress), Vertical stress using strain control, Monotonic shear, Strain controlled static shear stage, drained or undrained, Loading in compression or extension, using the vertical mechanical actuator

Any or all of the above stages shall be performed in "Automatic mode" where the test parameters are entered at the start of the test or stage and the software takes control of managing the stages using predefined criteria - Cyclic loading, ASTM D5311 Load Controlled Cyclic Strength, ASTM D3999 Load Controlled Modulus & Damping, ASTM D3999 Displacement Controlled Modulus & Damping, Non Standard Single or multi cycle test, User defined or

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E : sales@chirayugroup.in W : www.chirayugroup.in GSTIN : 24AAECC9611Q1ZA PAN No : AAEECC9611Q

imported Wave shape, Transducers calibration using linear fit, polynomial fit or linearization, transducers verification option also required.

Accessories: The system shall be provided with all the accessories required for performing the test, such as: Triaxial cell (2 Nos of 2 MPa and 3.5 MPa each) with all accessories for performing and preparing sample, such as: Pedestal, Top cap, Pair of porous disc, Rubber membrane 20 Nos, O Ring 20 Nos., Membrane placing tool, O Ring Placing Tool, two-part split mould, Filter Drains (pack of 50), Hand sampler complete of cutter, wooden dolly and receiver, two-part split former with vacuum attachment. Triaxial cell and accessories shall be compatible with the sample dimension notified. 1) Triaxial cell up to 100 with accessories for 100 mm dia sample. 2) Triaxial cell up to 70 with accessories for 70 mm, 50 mm and 38 mm dia samples.

Sensors: The following sensors, connected to the dynamic controller, are required for measuring load, displacement, water pressure and volume change. Load: Submersible load cell of 25 kN for accurate measurement of vertical load with maximum capacity compatible with the proposed sample size and not affected by the friction of the ram and the cell pressure. Displacement: Axial displacement LVDT transducer +/-25 mm, Pressure: Pressure transducers 0-10 bar for cell, back and pore pressure measurement 1000 kPa Volume change: Independent automatic volume change apparatus along the back pressure line allowing precise automatic flow control.

Pressure system: n° 2 Bladder air/water interface with 1000 kPa banded chamber. Triaxial water distribution panel, Laboratory air compressor with air filter for cell and back pressure, Supplier must quote below accessories for future upgrade.

Additional Options: Optional kit for unsaturated soil testing, the kit shall include additional servo-valve for air pressure control, pressure transducer and software for automatic performing the test stages by the axis translation method. The software shall allow: Simultaneous and independent control of air pressure, pore water pressure and axial stress, Performance of consolidation, saturation soil water curve and shear stages, Test data recording for each stage, Dedicated double wall triaxial cell and accessories shall be included, Optional kit for Resilient Modulus testing. The kit shall include software for performing the test in accordance with AASHTO T307, two 10 mm displacement transducers and mounting brackets to fit the transducers to the piston of the triaxial cell.

The software shall allow: Two standard sequences of dynamic cyclic stress and static confining stress for sub grade soils and base/sub-base materials, The possibility to set up customised sequences that the user can save and replicate automatically, Continuous monitoring in real time of recorded and processed data of each single sequence. Two parts split mould and manual rammer for preparing the sample shall be included.


PRINCIPAL,
Basaveshwar Engineering College
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4, Golden Apartment, Subhanpura, Vadodara - 390023. Gujarat, INDIA T : +91 265 2282246, 7878758606

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Tax Invoice



Measure India Corporation Pvt Ltd

Address: MIC House, H.No:12-2-41/4, Plot No: 41, Sri Nagar, Rampally, Keesara (M),
Medchal-Malkajgiri Dist., Hyderabad - 501 301, India
Phones: 91-040-27150157, 40165582 Fax: 91-040-40165582
GSTIN: 36AAJCM5738K12Y

Invoice No: **MICPL012**
Invoice Date: **28-06-2019**
Type: **SAL**
Nature: **Original**
Order Date: **01-04-2019**

Reference No: **BEC/BGK/TEQIP/1/2019-20**

PO Ref No: **TEQIP-III/KA/becg/25**

Details of Receiver (Billed To:)

The Principal
Basaveshwar Engineering College (Autonomous)
S. Nijalingappa Vidyanagar
Bagalkot State: Karnataka Pin: 587 102
GSTIN No: NA

Ship To:

The Principal
Basaveshwar Engineering College (Autonomous)
S. Nijalingappa Vidyanagar
Bagalkot State: Karnataka Pin: 587 102
GSTIN No: NA

Kind Attn: **Dr. M. M. Hanamasagar**

SI No	Description of Goods / Services	HSN/SAC Code	Qty	Unit	Rate /Item	Total	Discount	Amount	CGST		SGST		IGST		Total
									%	Amount	%	Amount	%	Amount	
1	Crack opening Displacement Gauge	90249000	1	No's	130000	130000	0	130000	0%		0%		18%	23400	153,400
2	Digital Camera (Tech Specifications as per Annexure-1)	90249000	1	No's	60000	60000	0	60000	0%		0%		18%	10800	70,800
Total						190000		190000	0%		0%		18%	34200	224,200
3	Octroi and Other charges				5900	5900	0	5900	0%		0%		0%	0	5,900
Grand Total						195900	0	195900	0	0	0		34200	₹ 230,100	

Advance Received ₹ 0

Total Tax (In figures): ₹ 34,200
Total Value (In figures): ₹ 230,100
Total Adv Received (In figures): ₹ 0
Net Payable (In figures): ₹ 230,100

Total Tax (In words): Thirty Four Thousand Two Hundred Only
Total Value (In Words): Two lakhs Thirty Thousand One Hundred Only
Total Adv Received (In words): NIL
Net Payable (In words): Two lakhs Thirty Thousand One Hundred Only

Payment terms:

- 100% including GST against Delivery of goods in good condition and submission of tax invoice
-
-

Bank Name: **Andhra Bank**
Branch: **Peerjadiguda**
Current Account No: **118031100000371**
IFSC Code: **ANDB0001180**

PAN No: AAJCM5738K

Carrier / MOT: N/A

CIN No: U52399TG2014PTC095841

Way Bill No: N/A

No. of Cases / Boxes: N/A

Terms: Subject to Hyderabad Jurisdiction

For Measure India Corporation Pvt Ltd

(Signature)

Authorized Signatory

PRINCIPAL,
Basaveshwar Engineering College
BAGALKOT



Measure India Corporation Pvt Ltd

(TESTING MACHINES DIVISION)

MIC House, No:12-2-41/4, Plot No: 41, Sri Nagar, Rampally, Keesara (M), Hyderabad – 501301, Telangana, India

Annexure - I

Invoice Reference No: **MICPL012**

PO Reference No: **BEC/BGK/TEQIP/1/2019-20**

Sl. No.	Item Name	Quantity	Unit	Specifications
01	Crack Opening Displacement Gauge	01	Set	Gauge length: min. 12 mm, Measuring range: +12/-2 mm, COD Gauge Gauge for fracture mechanics studies in compliance with ASTM E647 & £1820. High accuracy, full strain gauged bridge construction. Accuracy: + 0.5% of readout value as per ASTM E83, Resolution: 0.02% of full scale range, Sharp grooves as per ASTM E 83 for improved stability, Excitation: 5 to 10 VDC, Sensitivity: 2 to 4 mv/V, Non linearity: 0.15% of reading Rated for room temperature operation, transportation, installation, training, Crack Opening Displacement Gauge has to be compatible with existing actuator(Servo Controlled Hydraulic Actuator 500kN capacity)
02	Digital Camera	01	Set	Batteries: Lithium ion, Flash Memory Type - 5D, 1 U (including Rechargeable) Battery, Lens, AC Adaptor, Shoulder Strap, Micro USB Cable, Lens Cap, Power Cord, Eyepiece cup - 1 U each, Screen Size - 3 Inches, Display Type - LCD, Image Stabilization- Yes, Optical Zoom-10 X, Digital Zoom-4 X, Max. Resolution-24.3 MP, Optical Sensor Resolution-24.3 MP, Max Shutter Speed-1/160, Min Shutter Speed- Bulb, Min Focal Length-16 mm, Video Capture Resolution-1920 x 1080, Continuous Shooting Speed-11, Flash Modes Description-built-in Metering Description Multi-Pattern / Centre Weighted / Spot, Viewfinder Type-digital, Audio Recording, Auto Focus, Self-Timer, with Tripod and Remote.




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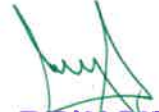
Received Goods in good Condition
stock Register Name: Fixed Asset

Register TEQ IP-II, Page No: 11
SL No: 10 Date: 28/5/2019


Nodal Officer
Procurement


Program
Coordinator


Principal



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