



System Instrumentation Services Private Limited

STATE-OF-THE-ART GEOTECHNICAL AND STRUCTURAL INSTRUMENTATION INNOVATION IS AT THE HEART OF OUR SUCCESS



SYSTEL INSTRUMENTATION SERVICES Pvt. Ltd.

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Systel Instrumentation Services Pvt. Ltd.

ISO 9001-2008 Certified Company

GEOTECHNICAL INSTRUMENTATION

Systel Instrumentation Services Private Limited stepped in the market in July 2011 with a company registered under the Companies Act 1956 and made a brilliant client portfolio very soon by its experienced team support. Our Company foundation is built on strong commitment to Quality, Safety, Innovation, Flexibility and customer satisfaction, Our experience and expertise enable us to provide excellent result in a timely manner.

INSTRUMENTATION

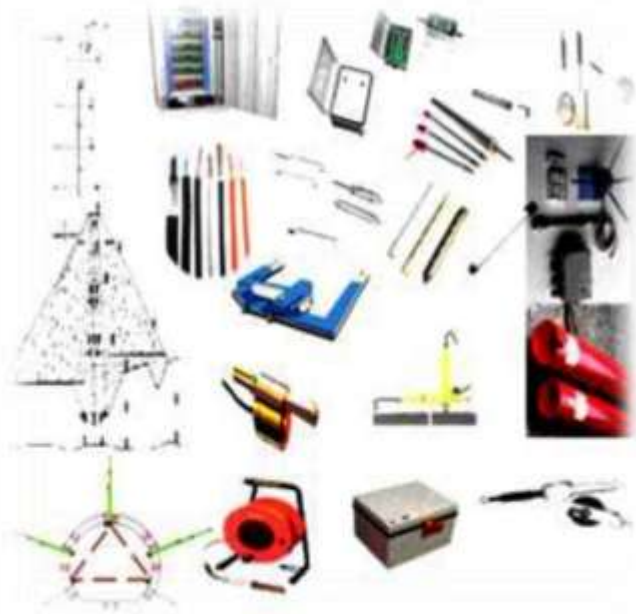
We provide user-friendly solution for automation, safety and security for Geotechnical & Structural instrumentation.

The instruments are based on established vibrating wire technology; the products are used in all steps of projects; from the initial planning, construction, operation and rehabilitation.

The instruments are used in bridge, building, cliffs, dam, historical monuments, road, nuclear power plants and tunnel.

We have successfully satisfied a list of clients by executing projects within the set time period and are dedicated to serve the specific need of business involved in construction industry.

Our clientele include various reputed concerns.



SERVICES

SISPL, with the aim of providing quality geophysical services to the clients of Oil & Gas, Energy, Mining, Infrastructure and Construction sector by using state-of-the-art technology to decrease the risk and improve your understanding of sub-surface by imaging the subsurface in various ways.

We have been providing our services, with the team of experienced professionals to ensure accuracy and have, in turn, acquired an enviable reputation in India as a leading geophysical service provider. Our rigorous procedure ensures quality output within specific time frames.



Our mission to achieve excellence through world class practices ,international quality standard, by assuring safety

CABLES



SISPL Geotechnical Instruments used to measure the performance and safety of structure requires secure and reliable connections between the sensors and the data retrieval location.

Our Instruments uses the highest quality cables made to British and European standards. They have excellent strength and flexibility which makes them ideal for installation within applications such as dams, tunnels bridges etc.

CABLE TYPE	TYPE RT 2010/1	TYPE TR 2010/2	TYPE RT 2010/8	TYPE RT 2010/12	TYPE RT 2010/30
Outer sheath type	PUR	PUR	PE	PE	PE
Outer Sheath OD	6.5mm.	4.9mm.	8.9mm.	10.1mm.	12.5mm
Outer Sheath Colour	Orange, black, red, grey	Orange, black, red, grey	Orange, black, red, grey	Orange, black, red, grey	Orange, black, red, grey
Conductor Type	Stranded tinned copper	Stranded tinned copper	Stranded tinned copper	Stranded tinned copper	Stranded tinned copper
Conductor Number	4 core	4 core	4 twisted pair	6 twisted pair	15 twisted pair
Conductor Size	22 AWG 0.5mm ² , 0.25mm	24 AWG 0.35mm ² , 0.25mm	24 AWG 0.35mm ² , 0.25mm	24 AWG 0.35mm ² , 0.25mm	24 AWG 0.35mm ² , 0.25mm
Conductor Insulation	PE	PE	PVC	PVC	PVC
Shield	Aluminum foil	Aluminum foil	Aluminum foil	Aluminum foil	Aluminum foil
Resistance	60 Ω per Km.	104 Ω per Km.	82 Ω per Km.	82 Ω per Km.	82 Ω per Km.
Temperature Range	-30°C to +80°C	-30°C to +80°C	-30°C to +80°C	-30°C to +80°C	-30°C to +80°C
Weight Kg/Km	44	28	72	93	170

STRAIN GAUGES



SISPL Strain Gage is designed to measure the changes in strain in and on structural members associated with many types of structure..

- Concrete Dams
- Buildings over tunnelling works
- Deep Excavations
- Retaining Walls
- Bridges
- Pile caps

Suitable for portable readout equipment or automatic data acquisition.

EMEDMENT STRAIN GAUGE

SPECIFICATION

Standard Range 5000 µε
Resolution 0.125 mV/V nominal
Accuracy ±0.25% F.S.
Nonlinearity <0.5% F.S.
Temperature Range -20°C to +60°C
Active Gage Length 203 mm

ARC WELDABLE STRAIN GAUGE

SPECIFICATION

Standard Range 3000 µε
Resolution 1.0 µε
Accuracy ±0.5% F.S.
Nonlinearity <0.5% F.S.
Temperature Range -20°C to +60°C
Active Gage Length 150 mm

CONCRETE EMBEDMENT STRAIN GAGES

SPECIFICATION

Standard Range 3000 µε
Resolution 1.0 µε 0.4 µε 0.4 µε
Accuracy ±0.5% F.S.
Nonlinearity <0.5% F.S.
Temperature Range -20°C to +60°C
Active Gage Length 51, 151, 250 mm

MAGNETIC & ROD SETTLEMENT DEVICE



SISPL Settlement device are designed to generate settlement profiles within the changes in the relative position of structural elements associated with many types of structure..

- Concrete Dams
- Buildings over tunnelling works
- Deep Excavations
- Retaining Walls
- Bridges
- Tunnels

Suitable for portable readout equipment or automatic data acquisition.

GLUE-SNAP ABS INCLINOMETER CASING

SPECIFICATION

Maximum O.D. 70 mm
 Wall Thickness 5.5 mm
 Length 1.5 or 3 m
 Telescoping Coupling 660 mm (extended length)
 508 mm (compressed length)

INCLINOMETER CASING

SPECIFICATION

Maximum O.D. 70 mm (casing), 76.5 mm (coupling)
 Wall Thickness 3 mm (casing), 2 mm (coupling)
 Length 3 m (casing), 300 mm (coupling)
 Telescoping Coupling available up to 3 m (please specify)

PIEZOMETERS



SISPL Piezometer is designed to measure change in water pressures and levels associated with many types of structure.

- Dams – embankments and foundations
- Buildings near tunnelling works
- De-watering works
- Reclamation
- Embankments & Slopes
- Retaining walls

Suitable for portable readout equipment or automatic data acquisition.

STANDARD PIEZOMETER

SPECIFICATION

Standard Ranges
 350, 700 kPa; 1, 2, 3 MPa
 Over Range 2 × rated pressure
 Resolution 0.025% F.S.
 Accuracy ±0.1% F.S.
 Linearity <0.5% F.S.
 Temperature Range -20°C to +60°C
 Length × Diameter
 133 × 19.1 mm
 194 × 25.4 mm
 133 × 25.4 mm

Heavy Duty Piezometer

Length × Diameter
 203 × 38.1 mm

SMALL DIA. PIEZOMETER

SPECIFICATION

Standard Ranges
 70, 170, 350, 700 kPa
 1, 2, 3, 5, 7.5, 10, 20 MPa
 Over Range 2 × rated pressure
 Resolution 0.025% F.S. (minimum)
 Accuracy ±0.1% F.S.
 Linearity <0.5% F.S.
 Temperature Range -20°C to +60°C
 Length × Diameter
 133 × 20 mm
 165 × 20 mm

DRIVE POINT PIEZOMETERS

SPECIFICATION

Standard Ranges, 70, 170, 350, 700 kPa; 1, 2, 3, 5, 7.5 MPa
 Over Range 2 × rated pressure
 Resolution 0.025% F.S. (minimum)
 Accuracy ±0.1% F.S.
 Linearity <0.5% F.S.
 Temperature Range -20°C to +60°C
 Length × Diameter
 187 × 33.3 mm

DISPLACEMENT TRANSDUCERS



SISPL Displacement Transducer provides remote readout capability for borehole extensometers and used to measure the changes in the relative position of structural elements associated with many types of structure.

- Concrete Dams
- Buildings over tunnelling works
- Deep Excavations
- Retaining Walls
- Bridges
- Tunnels

Suitable for portable readout equipment or automatic data acquisition.

SPECIFICATION

Standard Ranges 12.5, 25, 50, 100, 150, mm

Resolution 0.02% F.S.

Accuracy $\pm 0.1\%$ F.S.

Nonlinearity $< 0.5\%$ F.S.

Temperature Range -20°C to $+60^{\circ}\text{C}$

Lengths Diameter 210, 220, 270, 410, 550, 815 mm \times 20 mm

CASAGRANDE PIEZOMETER TIP



SISPL Casagrande Piezometer Tip, reliable than other types and used to measure water level and artesian heads in embankments, foundation of dams and reservoir, uplift pressure in hill side highways and underground works.

Sensitive to foundation pressure and is more resistant to plugging due to silting the system is installed in a borehole of required depth.

System consists of a low or high air entry value cylindrical ceramic or plastic filter element closed at one end with PVC/Brass/ Rubber stopper.

SPECIFICATION

Piezometer Tip Material

60 micron polyethylene cylinder

Standard Diameter

Length

37 mm \times 300mm

37mm \times 600mm (37 mm \times various lengths available (please specify))

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60 micron polyethylene cylinder

Standard Diameter

Length

37 mm \times 300mm

37mm \times 600mm (37 mm \times various lengths available (please specify))

PRESSURE CELLS



SPECIFICATION

Standard Ranges 70, 170, 350, 700 kPa
 1, 2, 3, 5, MPa
 Over Range 150% F.S. (maximum)
 Resolution 0.025% F.S.
 Accuracy $\pm 0.1\%$ F.S.
 Temperature Range -20°C to $+60^{\circ}\text{C}$
 Height \times Diameter 6 \times 200 mm

SPECIFICATION

Standard Ranges 70, 170, 350, 700 kPa
 1, 2, 3, 5, MPa
 Over Range 150% F.S.
 Resolution 0.025% F.S.
 Accuracy $\pm 0.1\%$ F.S.
 Temperature Range -20°C to $+60^{\circ}\text{C}$
 L \times W \times H 250 \times 150 \times 6 mm

SISPL Total Pressure Cells used to detect changes in soil, rock and concrete pressures associated with many types of structure.

Dams – all types Diaphragm Walls

Tunnel works – NATM & Pre-cast

Pile Caps Retaining walls

EARTH PRESSURE CELL consist of two circular stainless steel plates welded together around their periphery and spaced apart by a narrow cavity filled with de-aired oil.

SHOTCRETE STRESS CELL are designed for the measurement of tangential and radial stresses in shotcrete tunnel linings.

STRESSMETER



SPECIFICATION

Range in Compression : 70 MPa
 Range in Tension : 3 MPa
 Resolution : 14 to 70 KPa
 Temperature Range : 20°C to $+60^{\circ}\text{C}$
 Borehole Diameter : 37 to 40 mm

SISPL Stress meters are designed to measure stress changes in rock and can be installed in boreholes up to 100 feet deep. Stress Capsule is designed to monitor total stresses in hard and soft rocks. For determination of in situ modulus of deformation, the Stress Meter may be used as an active pressure-meter probe

- Unprecedented sensitivity
- Long term stability and reliability
- Robust and sturdy construction
- Slim-line design

MULTIPLEXER & TERMINAL BOXES



TERMINAL BOXES

SPECIFICATION

Switching Current 0.25 A typical, 4 A maximum
Contact Resistance 50 m Ω (maximum)
Insulation Resistance >10,000 m Ω
Switch Life >30,000 cycles
Enclosure Nema 4 fiberglass
Temperature Range -20°C to +60°C
L x W x H
320 x 280 x 160 mm

SISPL Multiplexer expands the number of channels in slab of 16 instruments that can be read by the Datalogger or V.W Readout Box. The channels are protected against voltage surges

Manual Rotary switches Box may be connected to the terminal board that permit easy access to each channel of the multiplexer for taking manual measurements with a portable readout in tandem with those taken automatically with the Datalogger

Communicate the data using a wide range of systems from Telephone landlines to Satellite data streams.

Transmit data in a simple format ready for incorporation into systems.

MULTIPLEXER

SPECIFICATION

Switching Current 1 A (maximum)
Contact Resistance 0.1 Ω (maximum)
Insulation Resistance >1 G Ω
Switch Life >200,000 cycles
Enclosure Nema 4 fiberglass
Temperature Range -20°C to +60°C
L x W x H
320 x 280 x 160 mm

TRI-AXLE JOINTMETERS (V.W & MECH.)



SISPL designed to measure the movement of construction Joints and Cracks in both Uni-axial and Tri-axial directions. Typically used on.

- Concrete & CFR Dams
- Buildings near to Deep Excavations
- Retaining Walls
- Bridges Abutments
- Pile Testing

Manual and Electronic options for portable readout equipment or automatic data acquisition.

MECHANICAL TRI-AXLE JOINT METER

SPECIFICATIONS

Accuracy (overall)
With vernier caliper 0.04 mm
With digital caliper 0.02 mm
Max. relative displacement 50 mm / 40 mm
X axis (convergence/divergence) 30 mm / ∞
Y axis (convergence/divergence) 10 mm / ∞
Z axis (convergence/divergence) 0.04 mm
Initial reading (nominal)
X axis 100 mm, Y axis 82 mm, Z axis 65 mm
Dimensions, Width 210 mm, Length 180 mm
Depth 60 mm Weight (Kg.) 4.5 Kg.

V.W TRI-AXLE JOINT METER

SPECIFICATIONS

Standard Range 25, 50 mm
Over Range 1.5 x Range
Resolution 0.1 mm
Accuracy 1% of Full scale or better
Repeatability ± 0.5 mm
Electrical Surge Protection Optional
Dimensions
25 mm range: $\varnothing 16$ x 295 mm
50 mm range: $\varnothing 16$ x 295 mm

VERTICAL INCINOMETER



SISPL Inclinometer Probe is used in conjunction with inclinometer casing for the measurement of lateral earth movements which might occur in unstable slopes, landslides, dam and roadway embankments, and landfills. They are also used to measure deflections in

- Dams & Tunnels
- Deep Excavations
- Retaining Walls
- Embankments
- Piles

Portable readout equipment or in-place sensors suitable for automatic data acquisition.

SPECIFICATION

Standard Range $\pm 53^\circ$

Resolution ± 0.025 mm/500 mm (± 10 arc seconds) (Metric)

Total System Accuracy ± 6 mm/30 m (Metric)

Temperature Range 0°C to $+50^\circ\text{C}$

Length \times Diameter 700 \times 25 mm, 1200 \times 25 mm (Metric)

Wheelbase 0.5 m, 1 m (Metric)

Casing Size I.D. 51 to 89 mm (2 to 3.5 in)

MEMS Inclinometer Probes

HORIZONTAL INCLINOMETER



SISPL Horizontal Inclinometer used to measure vertical movement and settlement associated with many types of structure along the length of the casing.

- Dams
- Bridge Abutments
- Storage Tanks
- Cut slopes
- Embankments

Portable readout equipment or in-place sensors suitable for automatic data acquisition.

SPECIFICATION

Standard Range $\pm 53^\circ$

Resolution ± 0.025 mm/500 mm (± 10 arc seconds)

Total System Accuracy ± 6 mm/30 m

Temperature Range 0°C to $+50^\circ\text{C}$

Length \times Diameter 671 \times 45 mm ,Casing Size I.D. 61 to 89 mm

EXTENSOMETERS



SINGLE POINT MECHANICAL ROD EXTENSOMETERS

SPECIFICATION

Standard Range up to 100 mm
 Least Reading 0.025 mm
 Borehole Diameter 35, 44, 51, 64 mm
 Maximum Length 10 m

EXTENSOMETER ANCHOR TYPE

Groutable Anchor : The preferred anchor for use in downward-directed boreholes.

Hydraulic Anchor : For use in rough boreholes in rock and soft ground

SISPL Electrical/Mechanical (E/M), single or Multipoint Extensometers are used to accurately measure longitudinal displacement in rock masses or concrete boreholes. It is particularly useful for distinguishing deep seated movements from surface spelling, which is of value in assessing the need for or determining the efficiency of a rock bolting system.

The rugged low cost rod extensometer is designed to be easily installed in difficult locations.

Easy to install

Standard design to use mechanically/electronically

Highly accurate when used with vibrating wire displacement sensors In built Thermistor and gas discharge tube Individual sensors for multi point applications Light weight

MULTIPOINT MECHANICAL ROD EXTENSOMETER

SPECIFICATION

Standard Range up to 300 mm nominal
 Least Reading 0.025 mm
 Borehole Diameter 76 mm or over
 Maximum Length 100 m

READOUT INSTRUMENTS AND SENSORS

Digital Depth Micrometer
 Dial Indicator
 Linear Potentiometer
 VW Displacement Transducer

TILTMETER



PORTABLE TILTMETER

SPECIFICATION

Standard Range $\pm 30^\circ$
 Resolution ± 0.05 mm/m (± 10 arc seconds)
 Accuracy¹ $\pm 0.02\%$ F.S.
 Output @ 30° ± 5.00 VDC
 Shock Survival 1000 g
 Temperature Range 0°C to $+50^\circ\text{C}$
 L x W x H 159 x 89 x 143 mm

SISPL Tiltmeters is a portable device designed to measure tilt in many types of structure.

- Concrete Dams
- Buildings over tunnelling works
- open pits
- Retaining Wall
- Bridges
- Pile caps

And also for measurements related to the stability of slopes, open pits and the walls of excavations (e.g. slurry walls).

TILTMETER

SPECIFICATION

Standard Range¹ $\pm 15^\circ$
 Resolution ± 0.01 mm/m (± 2 arc seconds)
 Accuracy² $\pm 0.1\%$ F.S.
 Shock Survival 2000 g
 Temperature Range -20°C to $+80^\circ\text{C}$
 Length x Diameter 139 x 32 mm (transducer only)

DATALOGGER



SISPL Vibrating Wire Data Logger has been designed to measure up to 16 channels of vibrating wire instrumentation features include IP67 Rating, Stand Alone System, Multiple Power Options, RS232 Communications Interface, Up to 8 Input Channels, Over 1000 Scans Available, Menu Driven User Options, Simple Sensor Connection

- Main CPU with large data memory
- Back up power supply with external charger
- Multiplexers for channel expansion
- Instrument interface module
- Modem for Communications
- IP67 cabinet

WATER LEVEL METER



SISPL Water level meters for measuring the depth of water in wells, boreholes, and standpipes, Model -WL-100/500 Water Level Meters are the most accurate and reliable meters. It is sturdy, easy-to-repair and read to 1/500 Meter.

Convenient Cable is easy to handle and winds up neatly on the reel

Resolution: 1 mm by manual scale between cable marks of 1 meter/1feet

Easy electronics removal/ battery replacement (standard)
Sensing point at bottom of probe

Sturdy reel is built from a robust, crack-resistant material.
Cable Reel has a handle and convenient holder for the probe.

SPECIFICATION

Cable Lengths 15, 30 and 50, 100 meter
Cable Tension 5 kg
Accuracy ± 1 mm
Probe 13-20 mm
Length 200 mm

ACCESSORIES:

Vinyl carrying case
Cable guide / datum
Electronic module replacement
Replacement tape with probe

DIGITAL /DIAL TAPE EXTENSOMETER



SPECIFICATIONS:

Measuring Range 1m to 15, 30, 50m
Display Digital /Dial
Least Count $\pm 0.02\text{mm}$
Accuracy $\pm 0.1\text{ mm}$
Dimension Instrument case 26" x 10" x 10"
Weight 4 kg
Measuring Tape Stainless Steel
Optional
Installation fixtures/Calibration jig

SISPL Tape Extensometer consists essentially of a steel survey tape, a tension spring, a tension adjustment screw, a digital or Dial Gauge measuring gage and two attachment hooks, which allow the tape to be stretched between two anchor points. Highly suitable for field applications Easy to refill tape ,Light weight Accurate, highly sensitive and reliable Extremely stable for long term operations measurement of surface movement including: Radial and convergence of tunnels, shafts and linings Deformation of excavations in underground power house caverns and audits Displacement of retaining walls, cuttings, arch and abutments Stability of concrete structures and buildings

ACCESSORIES:

Eyebolts
Borehole anchors
Calibration frame
Carrying Case

LOADCELL



SISPL Load Cell is designed to measure Uni-directional load in anchors and structural elements associated with many types of structure.

- Concrete Dams
- Cut Rock Slopes
- Deep Excavations
- Retaining Walls
- Bridges
- Cavern Linings & Tunnels

Suitable for portable readout equipment or automatic data acquisition.

SPECIFICATION

Rated Capacities 100 to 10,000 kN
Over Range 150% F.S., Resolution 0.025% F.S. ; Accuracy $\pm 0.5\%$ F.S.
Temperature Range -20°C to $+60^{\circ}\text{C}$
Internal Diameters solid, 25, 50, 75, 100, 125, 150, 200, 250 mm

CRACKMETERS



SISPL Crackmeter is intended to measure movement across surface cracks and joints. It is installed by grouting, bolting, or bonding two threaded anchors (with ball joints) on opposite sides of the crack and then attaching the ends of the gage to the anchor for use across construction joints such as adjacent blocks in a concrete dam. It is normally embedded across the joint to monitor the expansion or contraction of the joint. The use of internal universal joints allows for a degree of shearing motion.

SPECIFICATION

Standard Ranges 25, 50, 100, 150 mm

Resolution 0.025% F.S.

Accuracy $\pm 0.5\%$ F.S.

Nonlinearity $< 0.5\%$ F.S.

Temperature Range -20°C to $+60^{\circ}\text{C}$

Diameter 16 mm (shaft) 6 mm)

Lengths 320, 340, 380, 550 mm (transducer)

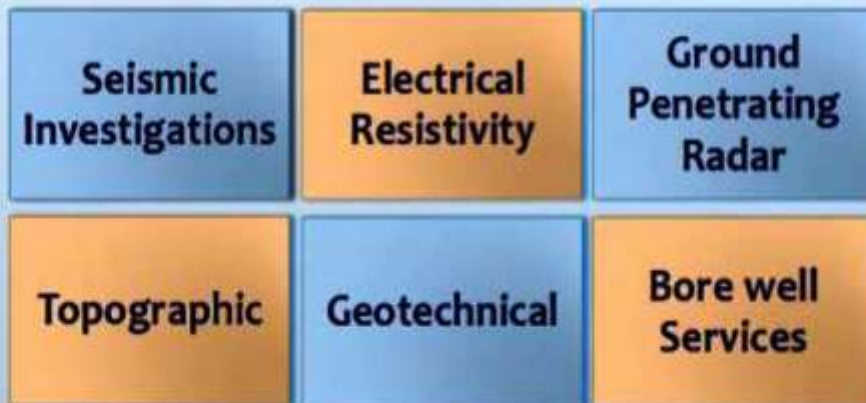
DATAPOINT



INTERNET BASED, INSTRUMENT DATA HANDLING AND REAL-TIME PRESENTATION FACILITY

- Present instrument readings to selected users at anytime, anywhere that has an internet connection.
- Automated data transfer to a central internet server.
- Site specific and user-defined (private) graphical and tabular data presentation formats.
- Secure data storage and backup, downloadable in Excel format.

Services Offered



Application areas

Depth to Bedrock/Rippability	Geologic Mapping
Sub-surface Imaging	Paleochannel Locating
Ground Water Exploration	Saltwater Intrusion Detection
Soil Horizon Thickness & Bedrock Depth	Site Assessment / Investigation
Detection of Void & Cavity	Landfill Delineation
Fault/Fracture Mapping	Buried Utility Mapping
Mapping of Abandoned Mines	Rebar / Post-tensioning Location
Earth Resistivity Testing	Feasibility Studies
Cathodic Protection Measurement	Topographic Surveys
Aquifer Mapping	Well Sitting
Archaeological Surveys	Borehole Tests

OUR CLIENT	INSTRUMENTS
ARAB CENTER FOR ENGINEERING STUDIES Ahmed Bin Ali Street, Bin Omran Road P.O Box 19579, Cr: 58247 ,Doha; Qatar Mr. Amir Hasan Rizvi +0097470225455	piezometer, inclinometer ,v.w readout, datalogger terminal box , water level indicator
NATIONAL DEVELOPMENT ENGINEERS LTD. House: 20A, Road:44,Gulshan, Dhaka-1212,Bangladesh Mr. Humayun Kabir +88-02-8810753	piezometer, inclinometer ,v.w readout, datalogger terminal box , water level indicator
TOMA CONSTRUCTION & CO.LTD. 77/L, Vip Road, Kakrail Dhaka, Bangladesh.	piezometer, inclinometer ,v.w readout, datalogger ,
MICRON SANJESH CO.LTD Unit 10, 4th Floor,81, JALAL AL-AHMAD EXPREEWAY TEHRAN - 46665873,IRAN,Telfax: +98 21 88665118	piezometer, total pressure cell, vw read out unit, water level indicator
NEOSTRAIN SP. Z O.O. 30-702 Kraków ul. Lipowa 3, tel biuro.NIP: 6792933459 REGON: 120469422 Kapital Zakładowy 100.000 PLN Piotr Stanowski , +48 12 255 44 42 / +48 12 255 44 44	multipoint borehole extensometer ,piezometer, total pressure cell, vw read out unit, water level indicator, standpipe piezometer
MUCHIK CORP. PERU Mr. Pino Calambrogio	piezometer
ARMatest Tic. Ltd. Şti. Alnteri Bulvarı Ostim İş Merkezleri E-Blok No: 31/F 06370 :OSTİM – ANKARA, TÜRKİYE	Piezometer, total pressure cell ,triaxle Jointmeter
GMR BADRINATH HYDRO POWER GENERATION LTD The Alaknanda Power Project,Mr.K.B Singh G.M Project +919805510537	piezometer, total pressure cell, vw read out unit, water level indicator
UNIVERSITY OF TECHNOLOGY- IRAQ-BAGHDAD ENGINEERING DEPARTMENT ,Geotechnical engineering (Building & Construction)	jointmeter, piezometer, readout unit ,datalogger
EXOVA (SAUDI ARABIA) CO. LTD Street 133, Qasim Road, Dammam 2nd Industrial Area, Dammam, Kingdom of Saudi Arabia	Datalogger
HIL Limited A-49,50 Sida Sathariya Jaunpur 222202 U. P.Mr. Satendra Singh+917607197902	piezometer, total pressure cell, vw read out unit, water level indicator,
M/s L&T CONSTRUCTION Chennai-600089	piezometer & readout
SUKRITI INFRASTRUCTURE PVT. LTD E-20, First Floor,Sector 3,Noida, 201301,Mr.Sachin choudhry 09971110018	piezometer, strainmeter ,v.w readout, water level meter
N.I.C, JAIPUR Corp office : 706,OKAY PLUS SQUARE, Patel Marg,Mansarovar,JAIPUR-302020,Rajasthan,INDIA Mr Summet +919660015841	piezometer, jointmeter, readout unit ,datalogger
Nestle India Ltd Post Box No.01,Patti Kalyana Kiwana Road Samalkha-132101 Dist Panipat Haryana Contact Person: D .RAVI KUMAR Ph no: 9812161974	piezometer & readout
NARMADA DRINKS PVT.LTD. Plot No 6 & 7 SIRGITTL,Industrial Area BILASPUR (C.G.)Mr.VARUN KUMAR (MANAGER)07752-230377	piezometer & readout
VISHVESHWARAYA INSTITUTE OF TECHNOLOGY Greater Noida near Dadri. Dr. Vishwa Ratna Mishra (HOD) 09818887502	piezometer, displacement sensors, standpipe piezometer water level indicator, datalogger
BALRAMPUR CHINI MILL LTD. Rauzagaon Chini Mill, Rauzagaon, Faizabad - 225402, Uttar Pradesh, India Jitendra Gupta Project Manager +919415642798	piezometer ,load cell ,displacement sensor ,readout, datalogger
U. P. STATE BRIDGE CORPORATION Setu Bhawan 16, Madan Mohan Malviya Marg, Lucknow Mr Tahjeeb Hassan 09415793758 GET Power Pvt Ltd,JHABUA MP ,Mr. Arvind Tripathi (Project Manager) 08827864663	load cell ,v.w readout, piezometer ,strain meter, v.w readout concrete pressure cell datalogger piezometer, inclinometer ,v.w readout, datalogger
PARLE AGRO PVT LTD Plot No. D-24 to D28 & D-79 to D-83, UPSIDC, Karthiayon Industrial Area,Varanasi 221206 Mr. Suraj Upadhyay Project Manager +919670228111	piezometer, junction box ,cable ,v.w readout, datalogger
BIOSPHERE SCIENTIFIC RESEARCH CENTER Vim 808, First Floor,Sailashreevihar Bhubaneswar Odisha-751021,Dr. Debahuti Acharya +918763333551	piezometer ,v.w readout, water level meter, earth pressure cell ,datalogger
SHALVI ENGINEERING CORPORATION Mumbai INDIA ,Ms. Ritika Yadav Ph:+91-22-40125628/29	piezometer ,v.w readout, datalogger ,water level meter
DEPARTMENT OF GEOLOGY, PACHHUNGA UNIVERSITY Aizawl, Mizoram, India Mr. Laldinpuia +(91)-9862399478	piezometer ,jointmeter,v.w readout
CONSOLE INDIA LIMITED NEW DELHI ,Mr. B.N JHA Project Manager +919818826920	pressure cell, piezometer, inclinometer probe ,v.w readout, datalogger
DBM GEOTECHNICS & CONSTRUCTIONS PVT. LTD.,CESB,CHATTISGARH	cross hole seismic survey
BARC,CHALKERE ,CHITRADURGA ,KARNATAKA	cross hole seismic survey
BARC, TROMBAY ,MUMBAI	cross hole seismic survey
BARC,KALPAKKAM, KANCHEEPURAM , TAMILNADU	cross hole seismic survey
BHEL,KRIBHACO-HAJIRA, SURAT	cross hole seismic survey & bh logging
DBM GEOTECHNICS & CONSTRUCTIONS PVT. LTD. KHARSIA, (CHATTISGARH)	seismic refraction survey



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