

TENDER 2013

**(Purchase Of Machinery & Equipments, I.T.
Equipments, Stationery, Computer Stationery,
Printing & Publication)**



**MONITORING & EVALUATION CELL
PLANNING AND DEVELOPMENT DEPARTMENT
GOVERNMENT OF SINDH**

November 2013

Rs. 200/-

TENDER "MEC, P&D DEPARTMENT"

GOVERNMENT OF SINDH
MONITORING & EVALUATION CELL (MEC)
PLANNING & DEVELOPMENT DEPARTMENT
GOVERNMENT OF SINDH

1. Tender No. _____
2. Name & Address of Bidder

3. Bidder's Security Deposit
 - a) Pay Order No. _____
 - b) Pay Order Amount _____
 - c) Bank Details: _____
4. Indenters Name and Address **DIRECTOR (ADMN & ACCOUNTS),
MONITORING & EVALUATION CELL (MEC)
PLANNING & DEVELOPMENT DEPARTMENT
GOVERNMENT OF SINDH – KARACHI**
5. Tender Terms and Conditions Attached
6. Particulars of the articles On the Following Pages



TENDER "MEC, P&D DEPARTMENT"

# Terms	Description
1 Delivery Time:	a) 03 weeks for local articles b) 12-14 weeks for import products
2 Place of Delivery:	Office of the Monitoring & Evaluation Cell, Planning & Development Department, Tughlaq House, Sindh Secretariat, Karachi. MIS Directorate, Lakson Square-1, Karachi.
3 Dispatch Instructions:	Articles should be delivered free of transportation charges to the consignee at place mentioned above as specified in the respective Sections.
4 Inspection Authority:	The Technical Committee constituted by the Director General (MEC), Planning & Development Dept.
5 Place of Articles inspection:	Office of the Monitoring & Evaluation Cell, Planning & Development Department, Tughlaq House, Sindh Secretariat, Karachi.
6 Places of Final Destination, Post inspection where required:	MIS Directorate, Karachi MEC Hyderabad Office MEC Sukkur Office
7 Cost of Articles:	All prices are to be quoted in Pak Rupees only
8 Payment	Part payment against part supply is allowed. <ol style="list-style-type: none"> I. 100% payment to be made on the proof of inspection & consignee's receipt II. Less 0.25% as service charges and 0.20% stamp duty of the value of the contract by Accountant General Sindh – Karachi, while making payment to the contractor.
9 Orientation & Training:	Orientation & Training of at least 5 officers at each Region Office (Hyderabad / Sukkur) of MEC, P&D on all equipment purchased.



(SALEEM LAKHMIR)
 DIRECTOR (Admn & Accounts)
 MONITORING & EVALUATION CELL (MEC)
 PLANNING & DEVELOPMENT DEPARTMENT
 GOVERNMENT OF SINDH – KARACHI

TENDER "MEC, P&D DEPARTMENT"

SECTION A: ENABLING TECHNOLOGY

S #	Description of Article	Qty	Unit Price	Total Amount
1	<p>Non-Destructive BRIDGE Assessment Scanner</p> <p>System Components</p> <ul style="list-style-type: none"> . 1600MHZ Antenna . ¼ wheel survey cart with encoder wheel . 2 meter or more control cable . Software for interpreting recorded data <p>System Specifications</p> <p>External Memory SD Card/USB Flash/MMC</p> <p>Internal Memory Minimum 2GB</p> <p>Display minimum 8 inches or more LED/LCD colour screen 800x600 resolution or higher <i>Clear visibility in light</i></p> <p>Post Processing On screen data processing Data Exporting for processing on PC</p> <p>Battery Replaceable Battery Support of at least 3 Hours</p> <p>Ports/Inputs/Outputs Serial RS232 GPS SD/Pro MMC/XD built-in Reader Multi USB ports</p> <p>Built/Manufacturing/Operation Water Resistant Heat Resistant up to 60°c Operating Temperature: -10 to 60°c CE and FCC Compliant</p> <p>System Antennas Compatible with all GSSI antennas Number of Channels: 1 (one)</p> <p>Data Acquisition Data Format: exportable in multiple standard raw data formats Scan Rate: 220 scans/sec at 16 bit or more Maximum No. of Samples per Scan capability 8192 or more Operating Modes: Free run, survey wheel, point mode</p> <p>Language: English</p> <p>Country of Origin: EU/UK/JAPAN/US</p>	02		



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S #	Description of ARTICLE	Qty	Unit Price	Total Amount
2	Non-Destructive ROAD SCAN	02		
	<p>CONTROL UNIT SPECIFICATIONS</p> <p>Antennas Compatible with all GSSI antennas Records data from upto 4 hardware channels Data Internal memory: 4 x 1TB Internal SSD GPS data logging</p> <p>Operational Modes External laptop, standalone with external monitor and keyboard and a remote command set</p> <p>Operating Operating Temperature: -10°C to 50°C Power</p> <p>Input/Output Survey wheel, Marker, DC power External input, Serial RS232 (GPS port), HDMI video, Ethernet to PC, 4 USB ports, SD</p> <p>Mechanical Relative Humidity: 100% Storage Temperature: -10°C to 60°C</p> <p>Data Acquisition Data Format: Data Format: exportable in multiple standard raw data formats Standard Real-Time Storage of an unlimited number of system files for different surveys</p> <p>Language English</p> <p>Country of Origin: EU/UK/JAPAN/US</p>			



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S #	Description of ARTICLE	QTY	UNIT PRICE	TOTAL AMOUNT
3	<p>Non-Destructive OPTICAL STRUCTURE SCANNER</p> <p>Optical Structure Scan of concrete inspection for easy wall and floor scanning. 3D data collection.</p> <p>Depth of Penetration 0-12 inches (0-0.4 m) 0-18 inches (0-0.5 m)</p> <p>Control Unit</p> <p>Internal: 500 hi-res data images or more External Memory: On SD/USB/MMC Internal Memory: Atleast 2 GB Display: minimum 8 inches or more LED/LCD colour screen 800x600 resolution or higher <i>Clear visibility in light</i></p> <p>Ability to reach tightly spaced areas such as corners, against walls and around obstructions.</p> <p>Depth Range: to 12 in (0.4 m)</p> <p>Software: Windows based software with 3D viewing.</p> <p>Generic RAW DATA Output in ASCII/XLS/etc</p> <p>Country of Origin: EU/UK/JAPAN/US</p>	02		



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S #	Description of ARTICLE	Quantity	Unit Price	Total Amount
4	<p>Non Destructive Light Weight Simple Structure scan</p> <p>Depth of Penetration 0-12 inches (0-0.4 m) 0-18 inches (0-0.5 m)</p> <p>For safely locating embedment within concrete structures prior to drilling, cutting or coring. Ability to reach depths up till 18 inches</p> <p>Locate Targets Locate rebar, post-tension cables, conduits (PVC and metal) Establish and mark targets in real-time</p> <p>Integrated System Windows-based user interface Ability to save data internally</p> <p>Mobility Rugged handcart-based system Lightweight and simple to Carry</p> <p>Uses</p> <ul style="list-style-type: none"> •Concrete inspection – locate metallic and non-metallic targets in walls, floors •Structure inspection – bridges, monuments, walls, towers, tunnels, balconies, garages, decks •Condition assessment – map relative concrete condition for rehab planning •Measure slab thickness •Void location <p>Country of Origin: EU/UK/JAPAN/US</p>	02		



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S #	Description of ARTICLE	QTY	UNIT PRICE	TOTAL AMOUNT
5	INFRARED THERMOMETER (Non-Destructive)	02		
	Temperature range using infrared Environment Display Laser Dimensions Packaging Battery Country of Origin: EU/UK/JAPAN/US			
	Handheld infrared thermometer Operation 0 to 50 °C 10 to 100% R.H. LED/LCD 635–650 nm 1 mW or less 195 x 70 x 48 mm (7.7 x 2.7 x 1.9 in.) or less AA or AAA			



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S #	Description of ARTICLE	QTY	UNIT PRICE	TOTAL AMOUNT
6	<p>REBAR LOCATOR</p> <p>Non-destructive locator of rebar and for the measurement of concrete cover and bar diameters, using the eddy's current principle with pulse induction as the measuring method. As well as detecting the rebar diameter accurately.</p> <p>Transmission of the measured data to a PC through software or exporting RAW data.</p> <p>FEATURES</p> <ul style="list-style-type: none"> • Detection of rebars • Measurement of concrete cover depth and rebar diameter • Correction functions for the influence of neighboring bars • Optical as well as acoustic locating aids • Analysis Software. • Quality assurance in mass production of prefabricated concrete elements <p>TECHNICALS</p> <p>Display LED/LCD with backlight, 128 x 128pix</p> <p>Interface RS 232 or with adapter for USB Port on PC</p> <p>Operating temperature -0 °C to +60 °C</p> <p>Cover depth measurements small range up to 100 mm large range up to 185 mm</p> <p>Diameter measurement up to a cover of 70 mm</p> <p>COUNTRY OF ORIGIN: EU/UK/US/JAPAN</p>	02		



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S #	Description of ARTICLE	QTY	UNIT PRICE	TOTAL AMOUNT																	
7	<p>HAMMER – Non-DESTRUCTIVE INSTRUMENT OF MEASUREMENT FOR CONCRETE STRENGTH & QUALITY</p>	02																			
	<p>Nondestructive measurement of the concrete compressive strength and controlling the uniform concrete quality.</p> <p>Schmidt Hammer to have the option to transfer data to a standard printer or to a PC. Microsoft Windows based software for downloading, presenting and editing of the measured values.</p> <p>Equipped with a sensor which measure the rebound value of a test impact to high resolution and repeatability.</p> <p>FEATURES</p> <ul style="list-style-type: none"> • Automatic calculation of the compressive strength • Storage of customized conversion curves • Data evaluation and storage as well as transmission to a PC <p>APPLICATIONS</p> <ul style="list-style-type: none"> • For use on concrete components of 100 mm (3.94 in.) thickness or more • Suitable on concrete components of thickness less than 100 mm (3.94 in.) or less on cast stone material • For systematic high volume measuring and the detection of weak spots in the concrete • For the control of uniform concrete quality <p>TECHNICALS</p> <table border="0"> <tr> <td>Impact energy</td> <td>2.207 Nm</td> <td>0.735 Nm</td> </tr> <tr> <td>Measuring range</td> <td>10 - 70 N/mm²</td> <td>18 - 70 N/mm²</td> </tr> <tr> <td>Concrete compressive strength</td> <td>1'450 - 10'152 psi</td> <td>2'610 - 10'152 psi</td> </tr> </table> <p>Display Unit</p> <table border="0"> <tr> <td>Display</td> <td>LED/LCD-Display 128 x 128 pixel or higher</td> </tr> <tr> <td>Communication</td> <td>USB</td> </tr> <tr> <td>Operating temperature</td> <td>0 °C to +60 °C</td> </tr> <tr> <td>Storage temperature</td> <td>-10 °C to +60 °C</td> </tr> </table> <p>COUNTRY OF ORIGIN: UK/US/JAPAN/EU</p>	Impact energy	2.207 Nm	0.735 Nm	Measuring range	10 - 70 N/mm ²	18 - 70 N/mm ²	Concrete compressive strength	1'450 - 10'152 psi	2'610 - 10'152 psi	Display	LED/LCD-Display 128 x 128 pixel or higher	Communication	USB	Operating temperature	0 °C to +60 °C	Storage temperature	-10 °C to +60 °C			
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S #	DESCRIPTION OF Article	QTY	UNIT PRICE	TOTAL AMOUNT
8	<p>PULSE VELOCITY METER</p> <p>Instrument to examine the quality of concrete. Along with the traditional transit time and pulse velocity measurement, the equipment should offers path length measurement, perpendicular crack depth measurement and surface velocity measurement.</p> <p>FEATURES</p> <p>Suitable for concrete, rock, graphite, ceramics, woods, rough surfaces, etc.</p> <p>TECHNICALS</p> <p>Power Supply</p> <p>Battery SSS of AA batteries (>20 hours continuous use)</p> <p>Mechanical</p> <p>Weight < 2kg (incl. batteries)</p> <p>Environmental conditions</p> <p>Operating temperature -10° to 60°C</p> <p>Humidity 100% RH,</p> <p>COUNTRY OF ORIGIN: UK/US/EU/JAPAN</p>	02		



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SECTION B: STATIONARY ITEMS

(To be delivered at the Sindh Secretariat Office)

S.NO.	STATIONERY ITEMS	QTY
1.	Paper Reem 80g, (Photostat/Printer, White, A4 (8 ¼ x 11 ¼), 500 sheets)	300 Reams
2.	Ball Pen (Blue) 0.8mm, 1x10 (Box), Piano/ Pelican/Steadler, Equivalent	100 Box
3.	Ball Pen (Black) 0.8mm, 1x10 (Box), Piano/ Pelican/Steadler, Equivalent	50 Box
4.	Signature Pen (Blue) 0.7mm, Fine Quality (Box), Uniball, Pelican, Steadler, Equivalent	50 Box
5.	Signature Pen (Black) 0.7mm, Fine Quality (Box), Uniball, Pelican, Steadler, Equivalent	50 Box
6.	Pencil HB 1x10 (Box)	50 Box
7.	Pencil Short Hand 1x10 (Box)	20 Box
8.	Marker (Blue / Black)	50 Box
9.	Eraser (Pencil) Fine Quality 1x10 (Box)	20 Box
10.	Sharpener (Pencil) Fine Quality 1x10 (Box)	20 Box
11.	U. Clips (Gem Clip) 10x10 (Box)	20 Box
12.	Paper Pins 10x10 (Box)	20 Box
13.	Stapler Machine (Medium)	40 Nos
14.	Stapler Machine (Large) Heavy Duty	5 Nos
15.	Text marker (Highlighter)	100 Nos
16.	Register 200 pages	20 Nos
17.	Register 400 pages	20 Nos
18.	Register 600 pages	20 Nos
19.	Fluid (White correcting) Bottles / Pen type	80 Nos
20.	Calculator 12 digit	20 Nos
21.	Hole Punch Single (Poker)	50 Nos
22.	Hole Punch Machine (Double) Heavy Duty	10 Nos
23.	Scale (Wooden, 12")	50 Nos
24.	Scissors 6", 8"	50 Nos
25.	Toner Kit for Photo Copier Machine (Kyocera)	10 Nos
26.	Short Hand Note Book	20 Nos
27.	Gum Stick (Glue) fine quality	50 Nos
28.	Tag (small / large) fine quality (Bundle)	50 Nos
29.	Paper (Weight)	50 Nos
30.	Paper (Cutter)	50 Nos



TENDER "MEC, P&D DEPARTMENT"

SECTION C: COMPUTER STATIONARY ITEMS

(To be delivered at the MIS Directorate, Lakson Square-1 Office)

S.NO.	COMPUTER STATIONERY ITEMS	QTY
1	Paper A4 (8 ¼ x 11 ¼) 80gm (1x500 sheets)	50 reams
2	Computer Printer Cartridges for Ink Jet Printer HP H470 Original	4 set
3	Computer Printer Toner for Laser Printer HP CP2025 Original	5 set
4	Computer Printer Toner for Laser Printer HP CP1215 Original	1 set
5	Computer Printer Toner for Laser Printer P2055 Original	14 Nos
6	Computer Printer Toner for Laser Printer P2035 Original	14 Nos
7	USB Flash Drive 64GB Kingston/Corsair/Sony/Equivalent	8 Nos
8	USB Flash Drive 32GB Kingston/Corsair/Sony/Equivalent	6 Nos
9	USB Flash Drive 16GB Kingston/Corsair/Sony/Equivalent	36 Nos
10	Network Supplies a) Patch-cord Good Quality 10 feet length or more b) Network UTP CAT-5e Cable c) Coax Cable for CCD d) USB Printer Cable e) Tie Cords (3", 5", 8") f) RJ45 connector and Jacket (pack of 100 connectors)	30 2 Coils 4 Coil 10 4 pack each 2 pack each
11	Batteries a) Battery for Laptop HP DV6 Pavilion 6-Cell Original b) Battery set for APC 600VA c) Battery set for Stabimatic 3000VA	3 10 UPS 1 UPS
12	Laptop Charger for HP DV6 (120W, 6.5A, 18.5V) Original	6
13	SD Card 32GB	15
14	SD Card 64GB	10
15	DVDR, Spindle of 100pcs	3



TENDER "MEC, P&D DEPARTMENT"

SECTION D: IT EQUIPMENT

(To be delivered at the MIS Directorate, Lakson Square-1 Office)

S.NO.	Article Description	QTY
1	Lap Top Core i7 <ul style="list-style-type: none"> • Dell/HP/Sony or equivalent, • 1.8GHz or higher processor, • 8GB RAM or more • 1TB or more Hard Disk • 15.6" LED/LCD color display • LAN, WiFi, Blue Tooth • Licensed Windows OS • 1 Year Local Warranty 	2
1	Lap Top Core i5 <ul style="list-style-type: none"> • Dell/HP/Sony or equivalent, • 1.8GHz or higher processor, • 4GB RAM or more • 500 GB or more Hard Disk • 15.6" LED/LCD color display • LAN, WiFi, Blue Tooth • Licensed Windows OS • 1 Year Local Warranty 	8
2	Cameras <ul style="list-style-type: none"> a) Compact Digital Photo Camera 18.1MP, 22X Optical, 3" OLED screen, GPS Logging, WiFi, SD Card, ISO 125-1600 ISO, Nikon/Cannon/Panasonic Lumix/Sony or equivalent b) Compact Digital Photo Camera, 16 MP, 6X, GPS, Nikon/Cannon/Panasonic, Sony or Equivalent c) IP Camera, Night Vision, > 1.3MP, Good Quality d) IP Camera Wireless, Night Vision, > 1.3MP, Good Quality e) Closed Circuit Camera (CCD), 1/3" , 1/2" , Night Vision, Good Quality f) Colour Multiplexor, 8 Channelx1, 16 Channelx1 g) DVR 16 Channel, 500GB SATA, USB compatible, Ethernet Interface h) DVR 8 Channel, 500GB SATA, USB compatible, Ethernet Interface 	3 6 6 3 9 3 1 1
3	External HDD, 1TB, USB 3.0, Slim, Western Digital/Seagate/Toshiba/Equivalent	6
4	Solid State Drive 256 GB	2
5	External DVD Combo Drive	2
6	Hot Swap Server HDD 1TB	5
7	Network Switch 8 port	2
8	UPS 5KVA APC/DELL/Stabimatic/Equivalent	2
9	Stabilizer 5KVA Online, Country of Origin: EU, US, Japan, Equivalent	3
10	Stabilizer 3KVA Online, Country of Origin: EU, US, Japan, Equivalent	2
11	Stabilizer 1KVA Online, Country of Origin: EU, US, Japan, Equivalent	2



TENDER "MEC, P&D DEPARTMENT"

SECTION E: PRINTING ITEMS

(To be delivered at the MEC Tughlaq House Office)

S.NO.	PRINTING ITEMS	QTY
1.	File Cover White Card Sheet with Monogram – As Sample	3000
2.	Case Board (File) - As Sample	3000
3.	Note Sheet (A4- 8 ¼ x 11 ¼) 1x100 sheets	100
4.	Desk Pad for DG (MEC) – As sample	50
5.	Desk Pad for Directors (MEC) – As sample	50
6.	Letter Pad with Monogram Large – Legal Paper	100
7.	Letter Pad without Monogram Large – A4	100
8.	Letter Pad with Monogram Small – As sample	100
9.	Letter Pad without Monogram Small – As sample	100

