



GOVERNMENT OF WEST BENGAL
IRRIGATION & WATERWAYS DIRECTORATE
INVESTIGATION & PLANNING DIVISION (SOUTH)
3RD Floor, Jalasampad Bhawan, Salt Lake, Kolkata-91

NOTICE INVITING QUOTATION
NIQ NO.EE/IPDS/33/2018-19

Memo No.10-15 /1117

Dated. 07.12.2018

Sealed quotations for rates are hereby invited by the Executive Engineer-I, Investigation & Planning Division (South), Irrigation & Waterways Directorate Jalasampad Bhawan, Salt-Lake City, Kolkata-91 from the bonafide & resourceful agencies to ascertain unit rates [budget quotes] related to instruments for health check-up of bridges under Irrigation & Waterways Department including technical manpower support at various locations within West Bengal by I.&P.Divn [South], I.&W.Dte. as per enclosed schedule.

Interested quotationers are required to apply for quotation papers to the undersigned enclosing all papers satisfying the eligibility criteria as given below :

Eligibility criteria :

- 1.The quotationer having experience of dealing with similar type of job in any Government/Government undertaking/Public sector,Zilla Parishad etc [Agency has to furnish self attested copy of such supply order/completion certificate etc] is preferable.
- 2.The intending quotationer should apply for quotation papers in respective Letter Heads enclosing self attested photocopies of valid Trade License , PAN , valid PT, GST , IT etc. as applicable.

Time schedule of quotation

- | | |
|---|-----------------------------------|
| 1) Last date & time of receiving application: | 14.12.2018 up to 4:30 p.m. |
| 2) Last date & time of collecting quotation paper: | 17.12.2018 up to 4:30 p.m. |
| 3) Last date & time of receiving filled up quotation paper: | 19.12.2018 up to 2:30 p.m. |
| 4) Date & time of opening quotation: | 19.12.2018 after 2:30 p.m. |

Terms and Conditions :

- 1) The schedule of items and other documents of N.I.Q. are to be collected by the eligible quotationer free of cost from the office of the Executive Engineer-I, Investigation & Planning Division(South) at Jalasampad Bhawan, Salt-Lake City, Kolkata-91 or webportals of I.&W.Deptt.[www.wbiwd.gov.in]
- 2) The eligible quotationers should quote their rate both in figures and in words. Any correction in the rates must be duly signed by the quotationers and each page of the schedule are to be signed by the quotationer along with his seal.
- 3)No quotation paper will be issued after expiry of date and time mentioned above.
- 4)Duly filled up sealed quotation as supplied from this office is to be submitted with a forwarding letter to the office of the undersigned.
- 5)Accepting Authority i.e. The Superintending Engineer, Investigation & Planning Circle-I, I.&W. Directorate, reserves the right to accept or reject any or all quotations without assigning any reasons whatsoever.
- 6) Informal/conditional quotation is liable to summarily rejected.
- 7)Any letter or other instrument submitted separately in modification of sealed quotation may not be entertained.
- 8)This rate is only to ascertain unit rates[budget quotes] for official purpose only followed by e-N.I.T
- 9)No Earnest Money Deposit is required to be deposited for this N.I.Q.


Executive Engineer-I

Investigation & Planning Division (South)
A.S.
07.12.18

Unit rates against each items of NIQ No. EE/IPDS/33/2018-19
are to be quoted based on following Annex- I & Annex -II]
 [Circulated vide no. Memo No.10-15/1115, Dated. 07.12.2018]

[Annex -I]

Sl. No.	Name of Instrument	System Detail	Specification
01	Digital Concrete Test Hammer	Concrete Test hammer for evaluation of the compressive strength of concrete components of buildings, bridges etc.	Spring Constant: 785N/M Average Rebound Value: 80±2 Display: 16bit LCD Data Storage: 316800 Test points Interface: USB 2.0 Weight: 1.1 kg
02	Ultrasonic Pulse Velocity Tester	<ul style="list-style-type: none"> • Inspection of defects in concrete structural members and other nonmetallic materials. • Evaluation concrete strength by combination of ultrasonic-rebound method. • Detecting concrete crack depth by ultrasonic method. • Can be used in three modes 	Channels: Two Transmission mode: Continuous and external Receiver sensitivity: ≤30uv Amplifier bandwidth: 10kHz to 300kHz Travel time accuracy: 0.05µs Trigger voltage: 65,125,250,500,1000(selectable) Amplifier gain: 82dB Sampling periods: 0.05 µs to 6.4 µs
03	Rebar Locator / Cover Meter	<ul style="list-style-type: none"> • Multifunction instrument which measures rebar diameter, rebar distribution, concrete thickness. • Grid and section scan mode. Instrument can display steel-bar distribution • Can save date on which the tests were conducted • Real USB transmission. Data can be transferred to computer for future process and analysis. • Powerful data process and analysis software in windows. Test data can be exported to word or Excel easily. 	For checking the concrete thickness Low test range: 6mm~90mm; High test range: 7mm~180mm Range of steel-bar diameter which can be determined: 6mm - 50mm
04	Rebar Corrosion Tester	The instrument is used to test the degree of rebar corrosion in electrochemical method. <ul style="list-style-type: none"> • Two test mode. The potentiometry and gradient method is used to test rebar corrosion • Permanent reference electrode. Saturated CuSO4 solution is sealed up completely in reference electrode. This ensures field test to be clean, simple and pollution-free. 	<ul style="list-style-type: none"> • Test range: +/-2000 mV; • Testing accuracy: +/-1 mV; • Test point distance: 1~99cm • Humidity <90%RH • EMI: no Strong electromagnetic field • Batteries: 6 dry cells work more than 30 times

Johny/12/18

		<ul style="list-style-type: none"> • Integrated temperature measurement module, which can measure, record and display environmental temperature quickly without any thermometers. • Can save date on which the tests were conducted • Intuitive display of test result. The icon color is related to the extend or degree of rebar corrosion. Darker the icon higher the degree of corrosion. • Real USB transmission. Data can be transmitted to computer for future process and analysis. • Powerful data process and analysis software in windows. Test data can be exported to word or Excel easily 	
05	Crack Width Measurement Instrument	Crack width measurement instrument is highly portable and simple to use equipment which is used for measurement of crack width and the microcosmic defects on surface. This is much more convenient than the traditional crack microscope	<ul style="list-style-type: none"> • Amplified multiple: 40 (standard) 50 (optional) • Test range: 0.02-2.0mm • Interpolation: 0.01 mm • Voltage: 12VDC (8 recharger battery) • Size: 270 x 15 x 50 mm • Measurement probe 40 x 40 x 60 mm • Weight: 800 g

[Annex –II]

Training Programme related to Machineries

A) Training on supply of Machineries :

i) When the different machineries are to be supplied, the supplier is required to train the designated purchasers [Irrigation & Waterways Department, Govt. of W.B.] technical and end-user personnel to enable them to effectively operate the total system at least **for two days**.

ii) The training schedule will be agreed to by both parties during the performance of the Contract.

iii) All arrangements for training will be made by the supplier at their cost.

iv) The trainings will be conducted at site as per desire of the purchaser.

B) Training during every AMC period :

i) These trainings shall include field trainings **at least once in each year for two days**. During every AMC period .

ii) The training schedule will be agreed to by both parties during the performance of the Contract.

iii) All arrangements for training will be made by the supplier at their cost.

iv) The trainings will be conducted at site as per desire of the purchaser.

v) The supplier is required to have hydrological equipment specialists in the training programs.

John 07/12/18
Executive Engineer-I

Investigation & Planning Division (South)

*A.S.
07-12-18*



सत्यमेव जयते

GOVERNMENT OF WEST BENGAL
IRRIGATION & WATERWAYS DIRECTORATE
INVESTIGATION & PLANNING DIVISION (SOUTH)
3RD Floor, Jalasampad Bhawan, Salt Lake, Kolkata-91

Schedule of items

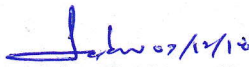
[NIQ No. EE/IPDS/ 33 /2018-19]

Sealed quotation is hereby invited by the Executive Engineer-I, Investigation & Planning Division(South), Irrigation & Waterways Directorate, Jalasampad Bhawan ,Salt-Lake City, Kolkata-91 from the bonafide reliable and resourceful agencies to ascertain unit rates [budget quote] as per below mentioned schedule of items ;

Sl. No	Description & specification of items	Quantity	Unit	Quoted rate in Rs. including all taxes as applicable and all incidental charges (in figure & in words)
1	Supply of Digital Concrete Test Hammer for evaluation of the compressive strength of concrete components of buildings, bridges etc. as per enclosed system details and specification in Annex : I , II	01 no.	each	
2	Supply of Ultrasonic Pulse Velocity Tester for finding defects , strength etc. of concrete structural members and other non metallic materials as per enclosed system details and specification in Annex : I , II	01 no.	each	
3	Supply of Rebar Locator / Cover Meter for measuring rebar diameter , distribution and concrete thickness as per enclosed system details and specification in Annex : I , II	01 no.	each	
4	Supply of Rebar Corrosion Tester for testing of rebar corrosion as per enclosed system details and specification in Annex : I , II	01 no.	each	
5	Supply of Crack Width Measurement instrument as per system details and specification in Annex : I , II	01 no.	each	
6	Supply of technical man power for operational functioning and collection of data during health check-up of structures.	01 no.	Per day	
7	Cost of training for Departmental staffs for 02 [two] days against instruments supplied as per direction of E.I.C.	01 no.	One job	
8	AMC charges (after one year of manufacturer warranty) against supplied instruments ;			
8.01	AMC charges for 1 st year	01	One job	
8.02	AMC charges for 2 nd year	01	One job	

[Note : The rate should be inclusive of all taxes and all other incidental charges as applicable]

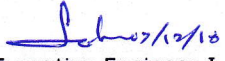
.....
Signature of Quotationer
(With Stamp)


Executive Engineer-I
Investigation & Planning Division (South)

A. S.
07.12.18

Copy forwarded for favour of information and necessary action to :

- 1) The Superintending Engineer. I.&P. Circle-I, Irrigation & Waterways Directorate.
- 2) The Director of Designs , Central Design Office , I.&W.Dte.
- 3) The Executive Engineer, DVC Study Cell & Nodal officer e-Governance, I & W Dte. requested to upload the NIQ in the Departmental website at the earliest.
- 4-6) The Sub-Divisional officer, I&P Sub -Division No I /II /III for wide circulation.
- 7) The Divisional Accounts officer, I&P Division (South).
- 8) The Estimating branch, I&P Division (South).
- 9) Notice Board.


Executive Engineer-I

Investigation & Planning Division (South)

A.S.
07-12-18