



Procurement of “Supply and Installation of a Falling Weight Deflectometer (FWD) including Training, Oversight on Data Collection, Back calculation Analysis of Pavement Layer Moduli etc. and Related Services”

Ref No: MCA-N/RMP/CB/001

ADDENDUM #3

As per Clauses 9.1 and 9.2 of Section I (Instructions to Bidders) of the Bidding Document, this Addendum No. 3 modifies respective portions of the **Bidding Document** issued from 21 February 2019. The changes, as indicated below, are effective on the date of issue of Addendum.

Except as expressly amended by this Addendum, all other terms and conditions of the Bidding Document - issued from 21 February 2019- remain unchanged and shall remain in full force and effect in accordance with their terms.

Letter of Invitation for Bids

Second last paragraph is amended to read as follows:

Bids must be uploaded to the link provided as per provision stated under Annex 1 of the Bid Data Sheet, no later than **26 April 2019, 15:00 hours local time in Kathmandu, Nepal (GMT+5:45)**.

Section II: Bid Data Sheet

ITB sub-clause 21.1 is amended to read as follows:

ITB 21.1	The Bid validity period is 120 days <i>from the date of submission of bid (That is up to and including 24 August 2019)</i> .
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ITB sub-clause 22.1 is amended to read as follows:

ITB 22.1	Bid Security is required.
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	<p>The Bid Security shall be in the amount of US\$ 3,000.00 (Three Thousand United States Dollar or Purchaser’s local currency equivalent only based on selling exchange rate of Nepal Rastriya Bank or Oanda.com 14 days before bid submission which is 12 April 2019).</p> <p>The Bid Security shall remain valid for a period of twenty-eight (28) days beyond the validity period of Bids. That is required validity of Bid Security is up to and including 21 September 2019 based on current date of submission, or beyond any period of extension subsequently requested under ITB Clause 21.2.</p> <p>Note: The Original of the Bid Security shall be sent to:</p> <p style="padding-left: 40px;">The Procurement Agent of Millennium Challenge Account - Nepal K/A: Mr. Luis Villalta Hotel Yak & Yeti Convention Center (Second floor) Durbar Marg, Kathmandu, Nepal</p> <p>Before deadline of submission. In case the bid security in original is not received before deadline for submission of bids at the address above, the electronically submitted bid shall be rejected as per ITB22.2</p> <p>Note: Any Bid Security obtained before issuance of this Addendum #3 may be valid as per the requirements stated under Addendum #2.</p>
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ITB sub-clause 25.1 is amended to read as follows:

ITB 25.1	<p>The deadline for submission of Bids is as follows: 26 April 2019, 15:00 hours local time in Kathmandu, Nepal (GMT+5:45).</p>
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ITB sub-clause 28.1 is amended to read as follows:

ITB 28.1	<p><u>For Bid opening purposes only</u>, the Purchaser’s address is: Millennium Challenge Account - Nepal Hotel Yak & Yeti Convention Center, second floor, Durbar Marg</p>
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	<p>Kathmandu, Nepal.</p> <p>As Bids shall be only submitted electronically in accordance with ITB Clause 24.1(b), the Bid opening procedures shall be:</p> <p>The Bid Opening will take place at MCA-Nepal Office at Yak and Yeti Office. All prospective bidders should note that they can join the bid opening through Zoom, the bid opening web link is http://bit.ly/openingfwd</p> <p>If the bidder's representative is present in Kathmandu and wants to attend the Bid Opening physically they can attend the Bid Opening at MCA-N Office address stated above. For logistic purposes, bidders representatives are advised to notify MCA-Nepal in advance of their intention to attend the Bid Opening in person.</p> <p>Date for Bid Opening: 26 April 2019</p> <p>Time for Bid Opening: 15:30 hours local time in Kathmandu, Nepal (GMT+5:45).</p>
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ITB sub-clause 34.1 is amended to read as follows:

ITB 34.1	<p>The currency that shall be used for Bid evaluation and comparison is: United States Dollar.</p> <p>The basis for conversion shall be: Nepal Rastra Bank exchange rate valid 14 days before deadline for submission that is 12 April 2019.</p>
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Section V: Schedule of Requirements

SR6: Environmental, Health and Safety Procedures

This section is amended to read as:

The Supplier shall abide by the following environmental, health and safety requirements:

The supplier shall abide by the environmental, health and safety requirements of the IFC Performance Standards on Environmental and Social Sustainability, as required by MCC Environmental Guidelines available at the following web site:

<https://www.mcc.gov/resources/doc-pdf/environmental-guidelines>

The supplier shall have to consider the public as well the employees' health and safety risks that might arise during transportation and assembling of the equipment. Issues of accident prevention, noise control, waste management and spill control shall be addressed properly.

ANNEX 1-Part 2: SUPPLY REQUIREMENTS FWD Requirements

SR1 List of Goods and Delivery Schedule

Amend point 3 and 14 to read as follows:

3. The trailer dimensions shall not exceed maximums of 5x2x2 meters (LxWxH) in measuring (testing) mode. Trailer shall be hinged to permit safe folding, by one operator with an assistant, of the frame in such a manner to significantly reduce storage and/or shipping footprint or dimensions, enabling conformity to fit standard airline container or standard permitted Aircraft pallet transport.
14. The FWD shall provide a minimum of seven (7) deflection sensing transducers (hereafter called "deflectors"), providing seven (7) separate and electronically discrete deflection measurements per test. The System Electronics shall always provide a minimum of seven (7) separate deflection measuring channels.

The deflectors shall be velocity transducers, such that the peak magnitudes of deflection are obtained from an inertial reference system through a single integration technique. For maximum calibration accuracy and stability, this integration and any subsequent signal processing shall be performed digitally, i.e. no analog electronic circuits may be used for integration or frequency response compensation. The direct, buffered output from the deflectors shall be digitized by an Analog-to-Digital converting circuitry with 16-bit resolution or better.

One (1) of the deflectors shall measure the deflection of the pavement surface through the center of the loading plate, while at least six (6) remaining active deflectors shall be capable of being positioned at any user configured spacing along the raise/lower bar, up to a distance of 2.1 to 3.00 m (10 ft) from the center of the loading plate.

All deflector holders shall be spring loaded, insuring good contact between the deflectors and the surface being tested. The deflectors shall be easily removable from their holders for exchange and for calibration verification purposes, and shall be robust, reasonably trouble-free and capable of withstanding typical field conditions.

Section VIII: Contract Forms

Section Heading at the start of the section has been corrected to read as Section VIII: Contract Forms