

**/CLARIFICATION # 8**

**FOR**

**PROCUREMENT OF PLANT DESIGN, SUPPLY, DELIVERY, INSTALLATION, TESTING AND COMMISSIONING OF**

**LOT 1: LAPSIPHEDI-RATMATE-NEW HETAUDA 400kV D/C TRANSMISSION LINE**

**LOT 2: RATMATE-NEW DAMAULI 400kV D/C TRANSMISSION LINE**

**LOT 3: NEW DAMAULI-NEW BUTWAL 400kV D/C TRANSMISSION LINE (BASE) AND NEW BUTWAL -NEPAL/INDIA  
BORDER 400kV D/C TRANSMISSION LINE (OPTION)**

**Ref No: MCA-N/ETP/CB/003**

**Issued on: 31 March 2023**

SN	Questions from Bidders	Response of Millennium Challenge Account Nepal (MCA-Nepal)
1.	<p><b>Document Volume /Section &amp; Page no:</b> Part 2 Employer's Requirement: B1, 221023_Section-V-B1, 5.A402. Employer's Design Requirements, Page 9</p> <p><b>Reference Clause: ADDENDUM #4</b></p> <p><b>Bidder's Query:</b></p> <p><b>Clarification as per Addendum#4</b> As observed in the final tower schedule received via Addendum#4, the GROUND ELEVATIONS for some tower locations in LOT-1, LOT-2 &amp; LOT-3 are not matching w.r.t the PLS-CADD model (LIDAR data) and variation of -2m to -39m range has been observed at some tower locations.</p> <p>So please confirm the variation in GROUND ELEVATIONS details, when comparing the LIDAR data (PLS-CADD FILES)</p>	For bidding purposes, follow the Ground Elevation mentioned in the final tower schedule issued via Addendum #4.

SN	Questions from Bidders	Response of Millennium Challenge Account Nepal (MCA-Nepal)
	<p>against the LATEST TOWER SCHEDULE received via the ADDENDUM#4.</p> <p>Note:</p> <ol style="list-style-type: none"> <li>1. LIDAR data referred to PLS-CADD files mentioned in Annex. G</li> <li>2. Latest tower schedule refers to Final tower coordinates received in Addendum#4</li> </ol>	
2.	<p><b>Document Volume /Section &amp; Page no:</b> Part 2 Employer’s Requirement: B1, Annex_B1, 9.</p> <p>Annex G_PLS_CADD Files Final Design Report-2019-11-08</p> <p><b>Reference Clause: ADDENDUM #4</b></p> <p><b>Bidder's Query:</b></p> <p><b>Clarification as per Addendum#4</b> “PLS-CADD files received in Annex G along with <b>Annex G1</b> - the additional PLS CADD files for revised route alignment (approximately of 30km route-in stretches) for preparing Technical and Financial Offer. “</p> <p>Here the PLS-CADD files received are checked and observed the below mentioned points:</p> <p>So kindly clarify the below points.</p> <ol style="list-style-type: none"> <li>1. LIDAR DATA received for 30km is in different coordinate system when compared to the PLS-CADD backups received through Annex. G</li> </ol> <p>It observed that there is no correlation between the angle point ground elevation and nearby ground points. Here some of the</p>	<ol style="list-style-type: none"> <li>1. The contour data and the PLS CADD backup are in the same coordinate system. The contour data and the PLS CADD data have been provided as per UTM 45 zone WGS 84 coordinate system. Do <b>not</b> consider Lidar data for 30 km segment.</li> <li>2. For bidding purposes, follow the Ground Elevation mentioned in the final tower schedule issued via Addendum #4.</li> </ol>

SN	Questions from Bidders	Response of Millennium Challenge Account Nepal (MCA-Nepal)
	angle points are in higher elevation when compared to the nearby ground points.	
3.	<p><b>Document Volume /Section &amp; Page no:</b> Part 2 Employer’s Requirement, Section V, B1, Annexure I (New Annexure)</p> <p><b>Reference Clause: ADDENDUM #4</b></p> <p><b>Bidder's Query:</b></p> <p><b>Clarification as per Addendum#4</b> “Add a new Annex I and Annex I2 (attached with this addendum):</p> <p>Please consider Annex I (LIDAR Data) along with <b>Annex I2</b> Contour data of approximately 30km route for preparing Technical and Financial Offer. “</p> <p>Here the contour data files received are checked and observed the below mentioned points:</p> <p>So kindly clarify the below points.</p> <ol style="list-style-type: none"> <li>1. The contour data received is in different coordinate system when compared to the previous PLS-CADD backups received through Annex. G.</li> <li>2. Here the received contour data files are in the below mentioned coordinate system. <b>Projection: Lambert conformal conic</b> <b>Datum: INDAIN 1954.</b></li> <li>3. But the previous PLS-CADD backups received through Annex. G are in the below mentioned coordinate system. <b>Projection: UTM</b></li> </ol>	<p>The contour data and the PLS CADD backup are in the same coordinate system. The contour data has been provided as per UTM 45 zone WGS 84 coordinate system not in Lambert conformal conic, Indian 1954 Datum.</p>

SN	Questions from Bidders	Response of Millennium Challenge Account Nepal (MCA-Nepal)
	<p><b>Datum: WGS 1984.</b></p> <p>PLEASE PROVIDE THE CONTOUR DATA IN <b>UTM/WGS84</b> coordinate system.</p>	