

Lekhnath Damauli 220 kV Transmission Line Project
Package A: OHL
BMZ201667773/KfW508597
List of Queries and Clarifications
Clarifications No A_3
December 23, 2022

No	Reference	Query	Clarification
1	VII-6: Technical data sheets & VII-4: Particular Technical requirements Cl.No. 2.2.1.3, Partial factors for actions & Table 6-8 (Partial load factors)	Please note, the partial safety factors for Security condition (SC1) as per Particular Technical requirements mentioned as 1.0 and as per Technical data sheets the partial safety factor for Exceptional load case mentioned as 1.10. Also, as per clarification no 2, sl.no. 33 the partial safety factor refers to Particular technical requirements only. From the above, we understood that the partial safety factors for security condition (SC1) considered for design as 1.0 instead of 1.10. Kindly confirm.	Confirmed, partial load factors shall be as per Section VII-4, Table 6.8.
2	Clarification no.2, Sl. No. 54 Foundation loads	Please note, the foundation loads obtained from tower analysis shall include the partial factors for actions as per table 6-8 (VII-4 Particular technical requirements) and without material factor for steel member. However, for foundation design to be considered the partial factors for concrete and reinforcement steel value. Kindly confirm our understanding is correct (OR) Foundation loads shall be obtained from tower analysis will include both partial factor for actions and material factor for steel member.	<p>Foundation design shall be based on loads inclusive of partial load factors specified in Section VII-4, Table 6.8.</p> <p>Geotechnical design (verification of bearing and uplift resistance) shall be based on EN 1997-1 Design Approach 3 with material factors specified in Section VII-4, Table 6.9 applied on soil properties.</p> <p>Structural design of foundations (verification of concrete stress limits and determination of steel reinforcement quantities) shall conform to EN 1992-1-1 and consider material factors for concrete and reinforcing steel specified in Section VII-4, Table 6.9.</p> <p>Material factors specified for towers in Section VII-4, Table 6.9 shall not be used for foundation design.</p>

No	Reference	Query	Clarification
3	PART I, Section-II : Bid Data Sheet, Item 23.1	<p>We understand that Bidder will also be allowed to send additional One (1) copy of the Bid by Courier at the following address:</p> <p>Fichtner GmbH & Co. KG Attention: Dr. Pierernesto Gatti Address: Sarweystrasse 3 City: Stuttgart ZIP Code: 70191 Country: German</p> <p>Please confirm.</p>	<p>Bidders are required to provide two identical Bid copies - one to address in Nepal and the other to mentioned address in Germany.</p>
4	<p>Amendment No.2, Revised Price Schedule-IV: Installation and Other Services</p> <p>Item No. 1.1.2 "Construction, maintenance and reinstatement of new access roads"</p>	<p>We request you to kindly arrange to clarify / confirm the following:</p> <ol style="list-style-type: none"> 1. We understand that Given quantity "Route Km - 45" is the total transmission line route length and it is not indicating the total kms of new access road required for the Project. Please confirm. 2. We understand that against this item, Bidders needs to quote their Unit Price for new access road required (as per their assessment) for average "Route-Km" of Transmission Line. Please Confirm. 3. We understand that this Item 1.1.2 (New Access Road) will also be paid "at actual" (i.e. as per actual Transmission Line Route-km) based on quoted unit prices against this item. Please confirm. <p>Please confirm / clarify above points.</p>	<p>All confirmed</p>

No	Reference	Query	Clarification
5	<p>Amendment No.2, Revised Price Schedule-IV: Installation and Other Services</p> <p>Item No. 1.9.1 "Relocation of 300 mtr 33KV Line "</p>	<p>We understand that this Item 1.9.1 (Relocation of existing 33KV Line) will also be paid "at actual" (i.e. as per actual length of existing line relocation) based on quoted unit prices against this item. Please confirm.</p>	<p>Confirmed</p>
6	<p>Amendment No.2, Revised Price Schedule-IV: Installation and Other Services</p> <p>Item No. 1.9.3.1 / 1.9.3.2 / 1.9.3.3 / 1.9.4.1 / 1.9.4.2 "Tower Location (Site Slope Stabilisation Work / Site erosion prevention works) "</p>	<p>We understand that all these Items 1.9.3.1, 1.9.3.2, 1.9.3.3, 1.9.4.1, 1.9.4.2 (related to Tower Location Site Slope Stabilisation Work / Site erosion prevention works) will also be paid "at actual" (i.e. as per actual quantity executed) based on quoted unit prices against these items. Please confirm.</p>	<p>Confirmed</p>

№	Reference	Query	Clarification
7	<p>Part I, Section IV "Bidding Forms", Financial Bid, Preamble / Schedules of Rates and Price,</p> <p>Part III, Section IX "Particular Conditions (PC)", Contract Data (Part A) and Special Conditions (Part B), Sub-clause 13.8 "Price Adjustment"</p>	<p>We understand that If Bidder did not provide or enter Base Date Indices for one of the items in the given table, then the price adjustment does not apply to this particular Item.</p> <p>For example, if Bidder did not enter Base Date Indices for Tower and enter Base Date Indices for Conductor, then Price Adjustment for Tower Items will be treated as Zero, while Price Adjustment for Conductor Item will be applicable as per given Formula.</p> <p>Please Clarify / Confirm.</p>	<p>As per Part I, Section IV. Bidding Forms, the Bidder shall indicate the base date indices in its bid. However, the price adjustment clause will be applied irrespectively of the input data.</p>

No	Reference	Query	Clarification
8	<p>Package A: OHL - Part I & Package A: OHL - Part III</p> <p>Section-IV. Bidding Forms Price Adjustments for Tower material and Conductors & Part-B: Specific Provisions Cl. 13.8</p>	<p>As per given Price Adjustment Clause, Bidders to follow London Metal Exchange CFR India (official rate), as a source of Indices for Tower Steel Material.</p> <p>Please note that London Metal Exchange not publishing any kind of Indices (CFR India Official rate) for Construction Steel. However, they are publishing rates only for "LME Steel Scrap CFR India (Platts)".</p> <p>Further, we would like to inform you that above LME Steel Scrap rates does not vary as per actual market variations in steel raw material prices. Further, majority of the Multilateral development Bank funding projects (i.e. ADB / World Bank / AIIB....etc.) also allowed Bidders to propose Price Adjustment Indices as applicable to the appropriate industry in the Country of Origin, sourced from reputed organizations and widely used by the business community.</p> <p>Accordingly, Bidder shall also be allowed to propose Indices for various items as per their Country of Origin. Like for Steel in India, Indices published by IEEMA is widely followed & internationally also acceptable.</p> <p>Please review & confirm.</p>	<p>LME Steel Scrap CFR India (Platts) Contract Type: Month 1 shall be used as construction steel index.</p>

No	Reference	Query	Clarification
9	<p>Clarification No.2, Reply against Sr. No. 21</p> <p>PART I, Schedule No. III-Design Services, Item No. 2.1.5</p> <p>"Ultimate loading test of Tension Tower Type 6T"</p>	<p>As per Clarification No.2, Reply against Sr. No. 21 "In case tower cannot be tested, please clearly state that in the Bid and, as supporting documentation, please do attach to the Bid all technical details of the proposed tower testing station so to confirm impossibility of carrying out 6T tower type test."</p> <p>We request you to kindly arrange to clarify / confirm the following:</p> <p>In case tower cannot be tested (i.e. impossibility of carrying out 6T tower type test), then Bidders shall not quote their Unit Price against Item No. 2.1.5 in Schedule No-III, Design Service.</p> <p>Please Clarify / Confirm.</p>	<p>Confirmed. Please also include a note: "This tower type cannot be full-scale tested" in column G on the same row.</p>

No	Reference	Query	Clarification
10	<p>Package A: OHL - Part I & Package A: OHL - Part II</p> <p>PART I - Bidding Procedures Section II. Bid Data Sheet,</p> <p>Clause- B. Bidding Document, ITB 6.1, Page No. 38 of 139</p> <p>Clause C. Preparation of Bids, ITB 11.1 (a) (xx) (ix), (xix), Page No. 41 of 139</p> <p>Part I, Section IV. Bidding Forms, Environmental, Social, Health and Safety Methodology, Page No. 106 of 139</p> <p>PART II - Employer's Requirements VII-1: Project Description and Scope of Works, Clause 3, Intention of the Employer's Requirements, Page No.13 & Section VII-5, Environmental and Social Management and Monitoring Plan (ESMMP)</p>	<p>Clause related to Sub-Section VII-7 Environmental & Social Requirements.</p> <p>Please refer Section II. Bid Data Sheet, B. Bidding Document, Clause ITB 6.1, PART II - Employer's Requirements, where in Sub-Section VII-7. Environmental and Social Requirements is mentioned.</p> <p>For any requirement related to Environmental and Social Requirements, Sub-Section-VII-7 is mentioned in the whole bid document.</p> <p>Whereas, as per our understanding in Part-II of the Bid Documents, Environmental and Social Requirements is given under Sub-Section VII-5.</p> <p><small>Lekhnath Damauli 220 kV Transmission Line Project Package A: OHL - Part II - BMZ No. 2016 07 773</small></p> <p>3 Intention of the Employer's Requirements</p> <p>The intention of the PART II, Employer's Requirements is to set out the minimum requirements according to which all works relevant to the Project shall be performed.</p> <p>The following Sub-Sections of PART II collectively form the Employer's Requirements:</p> <p>Sub-Section VII-1: Project Description and Scope of Works Sub-Section VII-2: Project Procedures Sub-Section VII-3: General Technical Requirements Sub-Section VII-4: Particular Technical Requirements Sub-Section VII-5: Environmental and Social Requirements Sub-Section VII-6: Technical Data Sheets Sub-Section VII-7: Annexes</p> <p>Therefore, kindly request you to please amend the Clause as Sub-Section VII-5 Environmental and Social Requirements in the Bid Documents instead of Sub-Section VII-7 Environmental and Social Requirements</p>	<p>We confirm that Environmental and Social Requirements are dealt with in Sub-section VII-5.</p> <p>However, the Applicant shall consider that additional Environmental and Social Requirements are also addressed in other sections of Bidding Documents.</p>

No	Reference	Query	Clarification																				
11	Package A: OHL - Part I & Package A: OHL - Part II Part-I, Schedule No. IV: Installation and Other Services Item No. 4.2. TRAINING OF EMPLOYER'S STAFF	<p>As per Price Schedule, for Training we need to quote for the below mentioned items:-</p> <table border="1" data-bbox="632 358 1356 553"> <tbody> <tr> <td data-bbox="632 358 716 407">3.1</td> <td data-bbox="716 358 1157 407">TRAINING OF EMPLOYER'S STAFF Overseas professional training (including costs for air tickets, accommodation and daily allowance)</td> <td data-bbox="1157 358 1251 407"></td> <td data-bbox="1251 358 1356 407"></td> </tr> <tr> <td data-bbox="632 407 716 448">3.1.1</td> <td data-bbox="716 407 1157 448">Latticed steel towers and Foundation design (2 persons, 10 working days)</td> <td data-bbox="1157 407 1251 448">lot</td> <td data-bbox="1251 407 1356 448">1</td> </tr> <tr> <td data-bbox="632 448 716 480">4.2</td> <td data-bbox="716 448 1157 480">TRAINING OF EMPLOYER'S STAFF</td> <td data-bbox="1157 448 1251 480"></td> <td data-bbox="1251 448 1356 480"></td> </tr> <tr> <td data-bbox="632 480 716 521">4.2.4</td> <td data-bbox="716 480 1157 521">On site optical fiber technology and optical fiber (OPGW and OPUG) installation, cable testing, maintenance (7 persons, 7 working days)</td> <td data-bbox="1157 480 1251 521">lot</td> <td data-bbox="1251 480 1356 521">1</td> </tr> <tr> <td data-bbox="632 521 716 553">4.2.5</td> <td data-bbox="716 521 1157 553">On Site Training during erection works, testing and commissioning (7 persons, 7 working days)</td> <td data-bbox="1157 521 1251 553">lot</td> <td data-bbox="1251 521 1356 553">1</td> </tr> </tbody> </table> <p>As per Price Schedule given, we understand that for Onsite Training Contractor need to provide training for 7 persons, 7 working days,</p> <p>Whereas, as per Clause 9.4, VII-1: Project Description and Scope of Works of Part-II of the bid documents, it is mentioned that :-</p> <p>"For both on-site and at Contractor's/Manufacturer's premises training, the Contractor shall submit a tentative training program, subject to the approval of the Employer/Engineer. Training shall be arranged for two (2) persons over ten (10) working days."</p> <p>We understand that Contractor need to provide Training as below:-</p> <p>(i) For Onsite Training - Contractor need to provide training for Seven (7) persons over Seven (7) working days, Please confirm. &</p> <p>(ii) For Overseas Training i.e. at Manufacturer's Premises Contractor need to provide training for two (2) persons over ten (10) working day. Please confirm</p>	3.1	TRAINING OF EMPLOYER'S STAFF Overseas professional training (including costs for air tickets, accommodation and daily allowance)			3.1.1	Latticed steel towers and Foundation design (2 persons, 10 working days)	lot	1	4.2	TRAINING OF EMPLOYER'S STAFF			4.2.4	On site optical fiber technology and optical fiber (OPGW and OPUG) installation, cable testing, maintenance (7 persons, 7 working days)	lot	1	4.2.5	On Site Training during erection works, testing and commissioning (7 persons, 7 working days)	lot	1	Items (i) and (ii) confirmed
3.1	TRAINING OF EMPLOYER'S STAFF Overseas professional training (including costs for air tickets, accommodation and daily allowance)																						
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No	Reference	Query	Clarification
12	<p>Package A: OHL - Part II</p> <p>Clause No. 11.2 (Fibre splice enclosures), Sec-VII-3: General Technical Requirements, Tender Doc. Page – 38 (Pdf Page No.154)</p>	<p>As per Clause 11.2 (Fibre splice enclosure), "The Contractor shall submit with his Bid a calculation of the total attenuation (overall losses) for the complete telecommunication link considering all splices, connectors, and fibre aging, etc. The total attenuation shall be a guaranteed value."</p> <p>However, the given factors to calculate total attenuation (overall losses) for complete telecommunication link like all splices, connectors, fibre aging, etc., are considered at the time of stringing activity. Therefore, it is not possible to calculate total attenuation loss at bidding stage & it can only be submitted during stringing / erection stage.</p> <p>Kindly confirm, it is not required to submit total attenuation loss calculation during Bidding stage.</p>	<p>Please adhere to the project scope of works and technical requirements, in particular to the description of the OPGW that is required for each section of the OHL works</p>
13	<p>Package A: OHL - Part I</p> <p>Section IV. Bidding Forms Schedules of Rates and Prices Schedule IV: Item- 4.1.3</p>	<p>Kindly refer item 4.1.3 (OPGW Type Tests). As per the given item, we understand that:</p> <ol style="list-style-type: none"> 1. We only need to carry out fresh Type Test for "OPGW 48 FIBRES (EQUIVALENT TO 93-A20SA)". Please Confirm. 2. We do not need to perform fresh Type Test for OPGW 96 Fibre (equivalent to 66-A20SA) during execution stage. Please Confirm. 4. Since the quantity of the OPGW 96 Fibre (equivalent to 66-A20SA) is quite small, we are not required to supply Type Tested OPGW 96 Fibre (equivalent to 66-A20SA) for this project. Please Confirm. <p>Kindly Confirm, if our understanding is correct.</p>	<p>All confirmed under assumption that all OPGW types shall be procured from the same manufacturer.</p>

No	Reference	Query	Clarification
14	Clarification No.2, Sr. No. 106	<p>As per Clarification No.2, Reply against Sr. No. 106</p> <div data-bbox="632 334 1167 906" style="border: 1px solid black; padding: 5px;"> <p style="text-align: center;">Clarification</p> <p>Tower design is under Contractor's scope of works and shall be done in accordance with project specification and technical requirements. True slope limitation applies to the complete tower design.</p> <p>Please clarify what/where is the "hamper level" located on the tower.</p> <p>At this stage and in response to the query, anticipated maximum allowable tower width at the base for standard tower height are:</p> <ul style="list-style-type: none"> - tower type DA: 10.0 m base face width - tower type DB and DC: 11.5 m base face width - tower type DD and DE: 13.0 m base face width <p>Please refer to doc. VII-4, clause 7.1.3 for standard tower height definition.</p> <p>Note the updated Price Schedules, in particular Sch. No. I and Sch. No. II, requirement added for extended stubs to be supplied within foundation items.</p> </div> <p>As per Clarification-2, Sr. 106, we understand that we have to follow the true slope limitation as per the specification as well as the base width restriction as per the clarification. Please confirm our understanding is correct.</p>	Confirmed
15	Letter of Financial Bid		The Annex No. 1 includes the template for the "Letter of Financial Bid".
16	List of deviation with cost impact		The Annex No. 2 includes the template for the "the list of deviation with cost impact".

FINANCIAL BID

Letter of Financial Bid

[The Bidder shall prepare his Letter of Bid on a Letterhead paper specifying his name and address]

Date: _____

ICB No.: _____

To: _____

We, the undersigned, declare that:

- (a) We have examined and have no reservations to the Bidding Document, including Addenda issued in accordance with Instructions to Bidders (ITB) 8 _____;
- (b) We have no conflict of interest in accordance with ITB 4;
- (c) We have not been suspended nor declared ineligible by the Employer based on execution of a Bid Securing Declaration in the Employer's country in accordance with ITB 4.4.
- (d) We offer to _____, in conformity with the Bidding Document, the following Plant and Installation Services: _____
- (e) The price of our Bid, excluding any discounts offered in item (d) below is the sum of: _____, (_____), **and** _____, (_____)
- (f) The discounts offered and the methodology for their application are: _____

_____;
- (g) Our bid shall be valid for a period of _____ days from the date fixed for the bid submission deadline in accordance with the Bidding Document, and it shall remain binding upon us and may be accepted at any time before the expiration of that period;
- (h) If our bid is accepted, we commit to obtain a performance security in accordance with the Bidding Document;
- (i) We are not participating, as a Bidder or a subcontractor, in more than one bid in this bidding process in accordance with ITB 4.2, other than alternative bids submitted in accordance with ITB 13;
- (j) We have paid, or will pay the following commissions, gratuities, or fees with respect to the bidding process or execution of the Contract:

Name of Recipient	Address	Reason	Amount
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

(If none has been paid or is to be paid, indicate "none.")

- (k) We understand that this bid, together with your written acceptance thereof included in your notification of award, shall constitute a binding contract between us, until a formal contract is prepared and executed; and
- (l) We understand that you are not bound to accept the lowest evaluated bid or any other bid that you may receive.
- (m) We hereby certify that we have taken steps to ensure that no person acting for us or on our behalf will engage in any type of fraud and corruption.

Name of the Bidder* _____

Name of the person duly authorized to sign the Bid on behalf of the Bidder** _____

Title of the person signing the Bid _____

Signature of the person named above _____

Date signed _____ day of _____, _____

*: In the case of the Bid submitted by joint venture specify the name of the Joint Venture as Bidder

**.: Person signing the Bid shall have the power of attorney given by the Bidder to be attached with the Bid

List of Deviations

[FORM for FINANCIAL BID]

It shall be assumed that the Bidder is meeting the Technical Specifications and Contract Clauses in all respects, other than those listed below.

Non-material deviations mentioned in the text or drawings forming part of the bid, but not contained in this list, will be considered as nil and void and the respective works will be treated as fully in line with the requirements of these Bidding Documents.

The Bidder shall not indicate the cost impact with any deviation mentioned below to the List of deviations submitted with his Financial Bid.

The Employer reserves the right to accept or reject any deviation.

		Package A OHL:	
No	Reference (please state Vol., Part, Sec.)	Deviation from Specifications	Cost impact in EUR +/-