



CLARIFICATION#2

FOR

PROCUREMENT OF PLANT DESIGN, SUPPLY, DELIVERY, INSTALLATION, TESTING AND COMMISSIONING OF LOT 1: 400 kV RATMATE SUBSTATION AND WORKS AT LAPSIPHEDI AND NEW HETAUDA SUBSTATIONS, LOT 2: 400 kV NEW BUTWAL SUBSTATION, LOT 3: 400 kV NEW DAMAULI SUBSTATION

Ref No: MCA-N/ETP/CB/004

Issued on: 20 June 2023

SN	Reference to the Bidding Document	Questions from Bidders	Response of Millennium Challenge Account Nepal (MCA-Nepal)
154.	Fire Protection System and HVAC & Ventilation System 221123 LOT-1 RAT PSR 221123 LOT-3 NDM PSR	Clause 3.10 FIRE PROTECTION SYSTEM. Project specific requirement it has been mentioned to consider Fire detection and protection system for 7 nos. of 400/ $\sqrt{3}$ /220/ $\sqrt{3}$ /33 kV, 167 MVA, 1-Ph Autotransformers. But in BPS it has been mentioned to consider transformer fire protection system for 2.nos Autotransformer. Request to confirm and update the BPS accordingly.	Fire detection and protection system is envisaged for 7 nos. of 400/ $\sqrt{3}$ /220/ $\sqrt{3}$ /33 kV, 167 MVA, 1-Ph Autotransformers. MCA-Nepal may issue an addendum to the bidding document after approval from the authority.

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155.	Fire Protection System and HVAC & Ventilation System 221123 LOT-2 NBW PSR	In Clause 3.10 Fire protection system it has been mentioned to consider for 3 nos. of 400/220/33 KV, 315 MVA, 3-Ph Autotransformers where as in BPS it has been mentioned to consider 2 Auto transformers. Request to confirm and update the BPS accordingly.	The no of autotransformers in BPS is correct. The no of Transformers from 3 to 2 in Clause 3.10 Fire protections in PSR may be changed by issuing as addendum to the bidding document after approval from the authority.
156.	Fire Protection System and HVAC & Ventilation System 221123 LOT-1 RAT PSR 221123 LOT-2 NBW PSR 221123 LOT-3 NDM PSR	We assume that Fire protection system for the transformer shall be with HVWS considering prop type heat detector + hydrant & Fire extinguisher system. Please confirm.	Confirmed
157.	Fire Protection System and HVAC & Ventilation System 221123 LOT-1 RAT PSR 221123 LOT-2 NBW PSR 221123 LOT-3 NDM PSR	We understand that the N2 system for transformers is not required as the HVWS system is being considered. Please confirm.	Confirmed. The N2 system for transformers is not required.
158.	Fire Protection System and HVAC & Ventilation System 221123 LOT-1 RAT PSR 221123 LOT-2 NBW PSR 221123 LOT-3 NDM PSR	FDA system for FFPH is being considered as a part of FDA system for control room building (SC-2-2.11.4) as there is no separate line item in BPS. Please confirm.	MCA-Nepal may issue an addendum to the bidding document after approval from the authority to include Fire protection/detection for pump house.

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159.	Fire Protection System and HVAC & Ventilation System 221031_Lot1_Rat_PS_Base 221031_Lot2_NBW_PS_Base 221031_Lot3_NDM_PS_Base 2.11 - FIRE PROTECTION SYSTEM.	ii) As per BPS In clause 2.11 Fire Fighting system in sl. No. 2.11.5 Calls for Clean-agent fire extinguishers. Bidder understand that, Clean-agent fire extinguishers to be selected (FM200/ NOVAC - 1230) for all rooms instead of CO2/DCP type cylinders. Please confirm.	Confirmed
160.	Fire Protection System and HVAC & Ventilation System General- Fire Protection System.	We wish to go with foam type extinguishers for transformers as clean agent extinguishers are not recommended for exposed area. Please confirm.	Your offered modification is not acceptable as HVWS system is finalized for Transformers.
161.	Fire Protection System and HVAC & Ventilation System General- Fire Protection System.	Please confirm the type of extinguishers to be used in yard area.	The Bidder must propose the type of fire extinguisher to meet the technical specifications. The same will be subject to approval by the Engineer
162.	Fire Protection System and HVAC & Ventilation System General- Fire Protection System.	We are considering conventional type FDA system. Please confirm.	Contractor to design the FDA to meet the technical specifications. The design will be subject to approval by the Engineer
163.	Fire Protection System and HVAC & Ventilation System General- Fire Protection System.	We assume that Bidder is free to select the FFPH dimensions as per design requirement. Please confirm.	The Contractor will design the FFPH, and the design will be subject to approval by the Engineer
164.	Fire Protection System and HVAC & Ventilation System	Location of FFPH has been not provided in layout (RATMATE 400/220/132/33kV SUBSTATION - DRAWING NUMBER -	The Contractor to design GA Layout for suitable location of FFPH to meet the technical

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	<p>General- FIRE PROTECTION SYSTEM.- RATMATE 400/220/132/33kV SUBSTATION - DRAWING NUMBER - RTE-210-1 and</p> <p>General- FIRE PROTECTION SYSTEM- NEW DAMAULI 400/220/132KV SUBSTATION -DRAWING NUMBER NDM-210-1</p>	<p>RTE-210-1) and (NEW DAMAULI 400/220/132KV SUBSTATION - DRAWING NUMBER NDM-210- 1).Request to confirm the location of FFPH in overall layout.</p>	<p>specifications. The design will be subject to approval by the Engineer</p>
165.	<p>Fire Protection System and HVAC & Ventilation System</p> <p>General- FIRE PROTECTION SYSTEM.- NEW BUTWAL 400/200/132/33/11kV SUBSTATION-Drawing number-NBW- 200-1</p>	<p>Bidder understand that existing pump house is applicable for 220kV SS and not for 400kV station (present scope) which has been shown in NEW BUTWAL 400/200/132/33/11kV SUBSTATION- DRAWING NUMBER</p> <p>NBW-200-1. We assume new FFPH as per design requirement. Kindly confirm the location of FFPH to be considered.</p>	<p>The Contractor to design GA Layout for suitable location of FFPH to meet the technical specifications. The design will be subject to approval by the Engineer</p>
166.	<p>Fire Protection System and HVAC & Ventilation System</p> <p>General</p> <p>Chapter-19-Air conditioning specification</p>	<p>We understand 4 Air changes per hour for GIS hall ventilation system with 5mm positive pressure with respective to ambient is required. Please confirm.</p>	<p>The contractors are responsible for the GIS equipment to determine the adequate ventilation parameters. The bidders are requested to do an independent analysis to meet the technical specifications. The design will be subject to approval by the Engineer</p>
167.	<p>Fire Protection System and HVAC & Ventilation System</p> <p>General</p>	<p>As per ASHRAE we have only Kathmandu's ambient conditions for calculating AC capacities. Please confirm whether can use the same. If not request to</p>	<p>Bidders are requested to refer Clause 1.2 PHYSICAL AND OTHER PARAMETERS under Part 2: Employer's Requirements Section V –</p>

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	Chapter-19-Air conditioning specification	<p>provide the ambient conditions for individual sites.</p> <p>1) Summer : DB Temp, & WB, Temp.</p> <p>2) Monsoon : DB Temp, & WB, Temp.</p> <p>3) Winter : DB Temp, & WB, Temp.</p>	B1 (Project Specific Requirements) of each substation for ambient conditions.
168.	<p>Fire Protection System and HVAC & Ventilation System</p> <p>General</p>	We understand bidder is free to select the type of AC units as per requirement (Hiwall Split / Cassette type units). Please confirm.	The bidders are requested to do an independent analysis of the same considering the requirements.
169.	<p>Commercial:</p> <p>Part 2 - Employers Requirement Annex_B01_1_Deliverables_Contractor</p> <p>REQUIREMENTS FOR DELIVERABLES BY CONTRACTOR</p>	We understand that all deliverables as mentioned in "Requirements For Deliverables By Contractor" annexure are to be submitted after signing of contract. Please confirm.	Confirmed.
170.	<p>Commercial:</p> <p>Section I-ITB - 15.6 (b)</p> <p>Section II-BDS - ITB 15.6 (b)</p>	Even if plant, good and equipment to be supplied from within the Employer's country is to be quoted on EXW INCOTERM basis, as clarified in BDS, we understand that all related costs for loading, unloading, staking, storing and including transportation of goods, materials and	Yes, the Bidder must consider all costs to bring the goods to work site and that includes the costs for loading, unloading, staking, storing, insurance and including transportation of goods, materials and plants from factory to work site.

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		plants from factory to work site are to be considered. Please confirm.	
171.	Section I-ITB - 22.3 - Bid submission electronic	Clause numbers ITB 22.3 a, b, c, d, e, f, g, h, I, j, k are related to submitting bid on File Request Link (FRL). Only clause no. 22.3 c, g, h & k are have specified as "Not Applicable" in BDS. Since submission through FRL is not applicable for all lots, please delete remaining clauses (a, b, d, e, f, i, j) as well.	Please refer BDS/ITB 22.1 which states "Bids shall be submitted only by hard copy submission." Thus, ITB 22.3 is not applicable for this bidding process.
172.	Not Used		
173.	Section IV-BSF - 3.1 (i) - Engineer's Duties and Authority	<p>We understand that Quantity variation of Individual Item approval by Engineer is limited to 10% of the quantity of such individual items, which are included in the Schedule of Prices or other Schedule, or up to One percent (1%) of the Accepted Contract Amount, whichever is less, subject to a cumulative ceiling of US\$100,000 (One Hundred Thousand United States Dollar)</p> <p>Further, we would like to understand the procedure for approval of individual item</p>	<p>Engineer's Duties and Authority to instruct variations related to quantity of individual items are described as per Conditions of Contract 3.1 (i).</p> <p>Please refer Section VII. Particular Conditions of Contract, Sub-Clause 3.1, Engineer's Duties and Authority and note that the Engineer can issue variations of individual items quantity variation beyond the stated limit after requesting approval from MCA-Nepal/MCC/MCA-Nepal Board as per the conditions stated under MCC Program Procurement Guidelines under Attachment A. PPG Approval Matrix and which can be found at https://assets.mcc.gov/content/uploads/guidance-2020001236804-procurement-program.pdf.</p>

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		quantity variation beyond above limited values.	
174.	Section IV-BSF - 13.8 - Adjustment for changes in cost	<p>Price Adjustment is applicable for Auto transformers, GIS, earthing system and LV/LV power & control cables. However, the same is not applicable on Steel Structure.</p> <p>Considering the current Steel commodity price fluctuations and market conditions, we request to accept price adjustment for steel structure items as well.</p>	The Bidding Document will not be amended on this respect.
175.	<p>Section IV-BSF - 13.8 - Adjustment for changes in cost</p> <p>Price Adjustment Formulae</p>	<p>1. For Auto Transformer : Fixed Component = 40%, Adjustable copper = 30%, Adjustable CRGO Component = 30%</p> <p>Since Fixed component is too high and prices of Steel & oil are also prone to fluctuations, we request you to reformulate by reducing the fixed component to 6% and by including Steel & Oil component also in the formula.</p> <p>2. Gas Insulated Switchgear : Fixed Component = 50%, Adjustable Aluminium = 30%, Adjustable Steel Component = 20%</p>	The Bidding Document will not be amended on this respect.

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		<p>Since Fixed component is too high and prices of Copper are also prone to fluctuations, we request you to reformulate by reducing the fixed component to 10%.</p> <p>3. Control & Power Cable : Fixed Component = 50%, Adjustable Copper = 50%.</p> <p>Since Fixed component is too high and prices of Aluminium (in case of Aluminium cable) are also prone to fluctuations, we request you to reformulate by reducing the fixed component to 15% and by including Aluminium component also (in case of Aluminium cable) in the formula.</p>	
176.	Section IV-BSF - 13.8 - Adjustment for changes in cost	Please confirm if we can opt for FIRM price for any of items for which price adjustment provision is available.	Please refer BDS/ITB 15.10 which states “A Bid submitted with a fixed price quotation will not be rejected, but the price adjustment will be treated as zero.”
177.	Section VII - PCC - 14.9 - Payment of retention money	The condition in GCC does not have any "two-fifth (40%)" words. Hence, please clarify the clause in PCC.	MCA-Nepal will review the identified error and if required may issue an addendum to the bidding document after receiving approval of the authority.
178.	Section VII - PCC - 21.1 – Taxes	We understand that all the taxes and duties are exempted for this contract and there is	Compact Section 2.8 read along with Annex VII – Tax Schedules provide the conditions for tax exemption, refund or reimbursement of Taxes. The

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	Subclause 21.1 Certain forms of local taxation	no additional cost / fee / Bank guarantee required for obtaining this exemption. Please confirm.	bidder needs to assess the application of taxes on its own depending on its status of incorporation and prior registration in Nepal and under the laws of Nepal.
179.	Section VII - PCC - 21.1 – Taxes Subclause 21.1 Certain forms of local taxation	Since all the taxes and duties are exempted for this contract, we request your confirmation on continuation of exemption in case period of completion is extended and / or change in legislation / introduction of any new law.	Please refer to the Compact Section 2.8 (a) which states “Unless the Parties specifically agree otherwise in writing, the Government will ensure that all MCC Funding is free from the payment or imposition of any existing or future taxes, duties, levies,...” read along with Annex VII – Tax Schedules.
180.	Section VII - PCC - 21.3 - Obligation to pay Taxes	We request to add following to subclause no. 21.3 "In case of any reimbursement of paid taxes, the reimbursement shall be disbursed within 28 days from the date of contractor's notice to employer."	The Bidding Documents shall not be amended on this respect.
181.	General Conditions of Contract 7.8 - Royalties	As per Section VII - PCC - Subclause 21.1 Certain forms of local taxation, all the taxes are exempted for this contract. Hence, we understand that there shall not be any royalties, rents or other payments as detailed under referred clause	Compact Section 2.8 read along with Annex VII – Tax Schedules provide the conditions for tax exemption, refund or reimbursement of Taxes. The bidder needs to assess the application of taxes on its own depending on its status of incorporation and prior registration in Nepal.

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182.	General	Please state the estimated cost for every tendered lot.	MCA-Nepal is considering disclosing the estimate for this procurement. In case MCA-Nepal decides to disclose it, this may be done only by issuing an addendum to the bidding document after approval from the authority.
183.	General	We understand that demolition of existing structure (if any) at site shall be in employer's scope. Please confirm	There is no building inside the substations footprint. However, please note that all the site clearance work inside the substations footprint falls under this contract scope of works.
184.	General Conditions of Contract 4.13 - Rights of Way and Facilities	We understand that this clause is not applicable for the area required for the construction of the substation. Please confirm	The GCC Sub-Clause 4.13 will be applicable.
185.	NA	We understand that MCA-Nepal Compact shall be in force for 5 years from the date of its entry into force and after lapse of 5 years, the unutilized amount shall be returned to US treasury. Please clarify the modality of project funding in case the project is delayed beyond 5 years due to the reasons not attributable to contractor,	MCA-Nepal expects and will make every effort to complete the project in time However, in case any part of the contract is not completed within the Compact duration, either the contract will be assigned to a government of Nepal entity, or the contract will be terminated.
186.	NA	Please state whether entire required funding for all three substation lots / projects will be taken from MCC's funding or GON's funding.	The funding sources may be GoN or MCC or both. Funding from both MCC and GoN will be based on the requirements of MCA-Nepal and budgeting procedure of fund sources.

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		In case a part of funding is being taken from GON's funding, please inform whether GON's funds are tied up.	
187.	Lot-1 Scope of Works	We are executing 220kV portion of NEA 220kV GIS Lapsipedi substation. The land for substation is not available for last 3 years due to local hindrances and the works of existing projects have not started till date. Under such circumstances, if the said project could not be completed within time and work front could not be provided for works under LOT-1, what shall be the scope of liability as this delay would not be attributable to contractor.	Bidders are requested to refer to Sub Clause 2.1 of GCC and relevant provision of the Contract.
188.	NA	We understand that the commencement date shall start from the date of handing over of incumbrance free land to bidder. Please confirm.	Please refer Sub-Clause 8.1 of the Conditions of the Contract.
189.	Section V - B0 - GTR - 10 - Type Testing, Inspection, Testing & Inspection Certificate	For regular international tenders with funding arrangements, the type test needs to be repeated if there is a change from type tested designs. Hence, request to remove 10 years period.	MCA-Nepal has already changed the validity from 10 to 15 years through an addendum#2.
190.	Section III Qualification and Evaluation Criteria	Considering the new establishments by parent / collaborator in new countries we request you to accept credentials of parent	Your request is not accepted.

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	The Qualifications and Experience of parents/ Sister/Subsidiary Companies shall not be considered for the evaluation of the technical offers.	/ collaborator with evidence of technology transfer agreement.	
191.	<p>Section III: Qualification and Evaluation Criteria</p> <p>Sub-factor 16. Similar Construction Experience</p>	<p>We understand that, under this clause, AIS projects of 380kV or above shall be acceptable. Kindly confirm.</p> <p>Kindly confirm whether the following is acceptable.</p> <p>for Lot 1: Less than 3 Contracts or single contract with cumulative value of 102MUSD or above.</p> <p>for Lot 2: Less than 3 Contracts or single contract with cumulative value of 60MUSD or above.</p> <p>for Lot 3: Less than 3 Contracts or single contract with cumulative value of 63MUSD or above.</p>	<p>Acceptable unless specifically specified for GIS substation. For 16 (b) GIS experience is a must.</p> <p>Not acceptable, acceptability will be based on the valuation of single contract, that is three Contracts of required value is required to satisfy the requirement of one lot.</p> <p>Also, please refer Addendum 2, as this requirement is amended through Addendum 2.</p>
192.	<p>Section III: Qualification and Evaluation Criteria</p> <p>D. Technical Evaluation Criteria for each Lot</p>	<p>We understand that the criteria mentioned under this clause can be satisfied by the supplier of Control & Protection. Kindly confirm.</p>	<p>The requirement “Design Engineer-Protection: Minimum 10 years’ experience in the field of design of protection, SCADA and automation system of Transmission Substation of 380kV or higher rating with at least design of one GIS substation of 380kV or above rating and with minimum bachelor’s degree in electrical engineering.”, shall be satisfied</p>

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	<p>ITB 29.1</p> <p>Design Engineer-Protection: Minimum 10 years' experience in</p>		<p>by the experience of the proposed key personnel for the position of Design Engineer-Protection.</p>
193.	<p>Section III: Qualification and Evaluation Criteria</p> <p>D. Technical Evaluation Criteria for each Lot</p> <p>ITB 29.1</p> <p>Resident LDC (Load Dispatch Centre) Integration and SCADA specialist:</p>	<p>We understand that the criteria mentioned under this clause can be satisfied by the supplier of SCADA. Kindly confirm</p>	<p>The requirement “Resident LDC (Load Dispatch Centre) Integration and SCADA specialist: Minimum 10 years' experience in the field of LDC Integration and installation and commissioning of SCADA with minimum bachelor's degree in electrical/Electronics/Communication/Computer Engineering/science.”, shall be satisfied by the experience of the proposed key personnel for the position of Resident LDC (Load Dispatch Centre) Integration and SCADA specialist</p>
194.	<p>Not Used</p>		
195.	<p>Section VII: Particular Conditions of Contract</p> <p>CI No 17.6</p>	<p>We request to modify as follows, "Neither Party shall be liable to the other Party for loss of use of any Works, loss of profit, loss of any contract or for any indirect or consequential loss or damage which may be suffered by the other Party in connection with the Contract, other than as specifically provided in Sub-Clause 8.7 [Delay Damages]; Sub-Clause 11.2 [Cost of Remedying Defects]; Sub-Clause 15.4 [Payment after Termination]; Sub-Clause</p>	<p>The Bidding Document shall not be amended on this respect.</p>

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		16.4 [Payment on Termination]; Subclause 17.1 [Indemnities] ; Sub-Clause 17.4 (b) [Consequences of Employer's Risks] and Sub-Clause 17.5 [Intellectual and Industrial Property Rights]"	
196.	Section IV. Bid Submission Forms Appendix to Letter of Financial Offer CI No: 8.7, Delay Damages	We understand that Delay Damage of any Lot will be evaluated at 0.1% of Contract Price per day of foregoing Lot. Please confirm. We understand that Contract price pertains to each Lot only. Please confirm.	The Delay Damage will be applied for each Lot and it will be 0.1 percent of the final Contract Price (of that Lot) per day in the currencies and proportions in which the Contract Price is payable.
197.	Section IV. Bid Submission Forms Appendix to Letter of Financial Offer CI No: 8.7, Delay Damages	We request to modify as follows, "These delay damages shall be the only damages due from the Contractor for such default, other than in the event of termination under Sub Clause 15.2 [Termination by Employer] prior to completion of the Works. These damages shall not relieve the Contractor from his obligation to complete the Works, or from any other duties, obligations or responsibilities which he may have under the Contract."	The Bidding Document shall not be amended. On this respect.
198.	Section VI General Conditions of Contract CI No 4.1	We request to modify as follows, "The Contractor shall design, execute and complete the Works in accordance with the Contract, and shall remedy any defects in	The Bidding Document shall not be amended on this respect.

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		the Works. When completed, the Works shall be fit for the purposes for which the Works are intended <u>in accordance with specifications</u> as defined in the Contract."	
199.	Section VI General Conditions of Contract CI No 9.4	We request to modify as follows,"(b) if the failure deprives the Employer of substantially the whole benefit of <u>any part</u> the Works or Section, reject the <u>part of the</u> Works or Section (as the case may be), in which event the Employer shall have the same remedies as are provided in subparagraph (c) of Sub-Clause 11.4 [Failure to Remedy Defects]; or"	The Bidding Document shall not be amended on this respect.
200.	Section VI General Conditions of Contract CI No 11.4	We request to modify as follows,"(c) if the defect or damage deprives the Employer of substantially the whole benefit of the Works or any major part of the Works, terminate the Contract as a whole, or in respect of such major part which cannot be put to the intended use <u>and the Contractor has failed to make good the defect</u> . Without prejudice to any other rights, under the Contract or otherwise, the Employer shall then be entitled to recover all sums paid for the Works or for such part (as the case may be), plus financing costs and the cost of dismantling the same, clearing the Site and	The Bidding Document shall not be amended on this respect.

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		returning Plant and Materials to the Contractor"	
201.	Section VI General Conditions of Contract CI No 15.3	We understand that the Contractor shall be entitled for payment of the Works performed, Works in Progress, cancellation, commitment and demobilization cost. Please confirm.	Not Confirmed. Please refer to GCC 15.3 for better understanding.
202.	Section VI General Conditions of Contract CI No 17.1	We request to modify as follows,"(b) damage to or loss of any property, real or personal (other than the Works), to the extent that such damage or loss: (i) arises out of or in the course of or by reason of the design, execution and completion of the Works and the remedying of any defects, and (ii) is attributable to any negligence, wilful act or breach of the Contract by the Contractor, the Contractor's Personnel, their respective agents, or anyone directly or indirectly employed by any of them"	The Bidding Document shall not be amended on this respect.
203.	Section VI General Conditions of Contract CI No 1.10	As per our understanding, the applicability of this Clause is pertaining to Intellectual Property generated during the course of execution of the Contract.	Please refer Sub-Clause 1.10, which states "The Contractor shall be deemed (by signing the Contract) to give to the Employer a non-terminable transferable non-exclusive royalty-free license to

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		<p>However, for pre-existing Intellectual property, which shall remain property of FIRM, the Employer shall be granted a non-terminable transferable non-exclusive royalty-free, license to copy, use and communicate the Contractor's Documents and such other design documents, including making and using modifications to use for the purpose of the facility/ project/ site this Contract relates to."</p>	<p>copy, use and communicate the Contractor's Documents, including making and using modifications of them". Thus, this clause is applicable for all Contractor's Document.</p>
204.	<p>Section VI General Conditions of Contract CI No 9.1</p>	<p>Please specify the duration of Trial Operation</p>	<p>Bidders are requested to refer heading Pre-Commissioning, Commissioning, Trial-Run & Completion under Part 2: Employer's Requirements Section V – B1 (Project Specific Requirements) of Each Lot for duration of trial operation.</p>
205.	<p>Section VI General Conditions of Contract CI No 19.1</p>	<p>We request to add the following in the end of this clause, "For any impact, arising out of Covid 19 or any other endemic/pandemic, on Time for Completion, Contractor shall be entitled for extension of time and cost compensation.</p>	<p>The Bidding Document shall not be amended on this respect.</p>
206.	<p>Section VI General Conditions of Contract CI No 8.4</p>	<p>We request to modify as follows, "The Contractor shall be entitled subject to Sub-Clause 20.1 [Contractor's Claims] to an extension of the Time for Completion <u>and</u></p>	<p>The Bidding Document shall not be amended on this respect.</p>

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		<u>cost compensation</u> if and to the extent that completion for the.....	
207.	Section VII: Particular Conditions of Contract CI No 8.1	We request to delete this clause	The Bidding Document shall not be amended on this respect.
208.	Section VII: Particular Conditions of Contract CI No 15.2 (h)	Please clarify the conditions for suspension or termination of Compact.	Compact Article 5 governs the Termination, Suspension and Expiration of the Compact.
209.	Section VII: Particular Conditions of Contract CI No 15.2 (h)	We request to modify as follows,"(g) if the Contractor, in the judgment of the Employer or MCC <u>but subject to Contractor's failure to substantiate</u> , fails to perform its obligations relating to the use of funds set out in Annex A (Additional Provisions) attached to the Particular Conditions of Contract, or"	As this is a MCC standard provision, the Bidding Document shall not be amended on this respect.
210.	Section VII: Particular Conditions of Contract CI No 15.2	"We request to modify as follows, "However, in the case of Sub-paragraphs (e), (f), (g) or (h), the Employer may, by notice <u>of 14 days and Contractor's failure to remedy the cause of termination</u> , terminate the Contract immediately . In the event of Employer termination of the Contract pursuant to Subparagraph (g), the Contractor shall be liable to repay any and	As this is a MCC standard provision, the Bidding Document shall not be amended on this respect.

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		<p>all funds so misused. In the event of Employer termination of the Contract pursuant to Sub-paragraph (h), the Contractor shall proceed in accordance with Sub-Clause 16.3 [Cessation of Work and Removal of Contractor's Equipment] and shall be paid in accordance with Sub-Clause 19.6 [Optional Termination, Payment and Release] in accordance with the terms of the Compact and any related agreements.</p>	
211.	<p>Section VII: Particular Conditions of Contract CI No 15.6 (b)</p>	<p>We understand that the determination by MCC is subject to substantiation and not unilaterally by MCC. Please confirm.</p>	<p>MCC determination will be based on their analysis of the situation.</p>
212.	<p>Section VII: Particular Conditions of Contract CI No 15.6 (d)</p>	<p>We request to modify as follows,"(d) If the Employer or MCC <u>substantially</u> determines that the Contractor, any Subcontractor, any of the Contractor's Personnel, or any agent or affiliate of any of them has, directly or indirectly, engaged in coercion, collusion, corruption, fraud, obstruction of investigation into allegations of fraud or corruption, or prohibited practices, in competing for or in the performance of the Contract, then the Employer or MCC may, by notice <u>of 14 days</u>, immediately terminate the Contractor's employment under the Contract and expel him from the</p>	<p>As this is a MCC standard provision, the Bidding Document shall not be amended on this respect.</p>

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		Site, and the provisions of Clause 15 [Termination by Employer] shall apply as if such expulsion had been made under Sub-Clause 15.2(f)	
213.	Section VII: Particular Conditions of Contract CI No 16.2	We request to modify as follows, "in such manner as to materially and adversely affect the economic balance of the Contract and/or the ability of the Contractor to perform the Contract, "	The Bidding Document shall not be amended on this respect.
214.	Section VII: Particular Conditions of Contract CI No 4.18	We request to amend this clause by adding as follows, "The Contractor shall not be liable for any existing contamination on Site or for pollution caused by any other Party than the Contractor."	The Bidding Document shall not be amended on this respect.
215.	Section VII: Particular Conditions of Contract CI No 20.6	We request to modify as follows, "Any dispute not settled amicably and in respect of which the DAB's decision (if any) has not become final and binding shall be finally settled by arbitration. Unless otherwise agreed by both Parties: (a) For contracts with foreign contractors, (i) international arbitration shall be conducted with proceedings administered by the international arbitration institution appointed in the Appendix to Financial Offer, <u>by three arbitrators appointed in</u>	As this is a MCC standard provision, the Bidding Document shall not be amended on this respect.

SN	Reference to the Bidding Document	Questions from Bidders	Response of Millennium Challenge Account Nepal (MCA-Nepal)
		<p>accordance with the rules of arbitration of the appointed institution, if any, or in accordance with UNCITRAL arbitration rules, at the choice of the appointed institution;</p> <p>(ii) the place of arbitration shall be the city where the headquarters of the appointed arbitration institution is located or such other place selected in accordance with the applicable arbitration rules; and</p> <p>(iii) the arbitration shall be conducted in the language for communications defined in Sub-Clause 1.4 [Law and Language], and</p>	
216.		<p>Whether Import of raw materials (Rebar / Cement etc.) from outside Nepal considering the exemption of Custom Duty / VAT allowed for this Project. Kindly confirm</p>	<p>Contractors are free to procure their inputs, raw materials and capital goods in compliance with Laws of Nepal. Any tax exemption on import shall be as per Section 2.8 of the Compact available at https://assets.mcc.gov/content/uploads/compact-nepal.pdf.</p>
217.		<p>We understand that the VAT & With Holding Tax (WHT) is not applicable under this project. Kindly confirm.</p> <p>In Case VAT & WHT is applicable during execution, the same shall be reimbursed</p>	<p>This shall be as per section 2.8 of the Compact read along with Schedule D, Annex VII.</p> <p>The Bidder are requested to go through the MCC Compact carefully and understand the different requirements to be eligible for Tax exemptions under Value Added Tax, Custom Duties, Excise Duties, Corporate Income and Withholding Tax and</p>

SN	Reference to the Bidding Document	Questions from Bidders	Response of Millennium Challenge Account Nepal (MCA-Nepal)
			other taxes mentioned in Schedule VII of the Compact.
218.		Price Adjustment payment We understand the same shall be paid along with the Interim Payments. Kindly confirm	Please refer to Appendix to Letter of Financial Offer, Adjustment for Changes in Cost, Conditions of Contract 13.8 which states “The adjustment shall be applied for the first time from the second Interim Payment (IP) and shall be applied progressively in every IP.” (Note: The first Interim Payment Certificate is the advance payment)
219.	Section IV. Bid Submission Forms Schedule of Payments Note: 2	Please note that the invoicing 60 days prior to the arrival of goods at the Nepal border shall be impractical as most of the equipment shall reach Nepal boarder with 15-30 days from dispatch from respective factories	MCA-Nepal requires Proforma Invoice in order to process for custom exemption. GoN has its own procedures for providing custom exemptions in which multiple GoN departments are involved. So, 60 days is a fairly safe period though it may be less than 60 days also.
220.	Section VII. Particular Conditions of Contract Sub-Clause 14.9 Payment of Retention Money	We understand that the terms mentioned in the said clause in PCC shall supersede the retention terms mentioned in the "Schedule of Payments".	Conditions of Contract Sub-Clause 14.9 and Schedule of Payment both will apply.
221.	Section IV. Bid Submission Forms Appendix to Letter of Financial Offer CI No: 1.1.3.3	We request to reconsider the completion requirement. 1190 days for 400kV & 220kV GIS substation seems to be very higher side as similar type of projects can be completed in 24 Months period.	The Bidding Document shall not be amended on this respect. The 1190 days is the maximum time allowed for completion of the Works as per the contract requirements. However, the Contractor may complete the works ahead of time. No early completion bonus is intended for this contract.

SN	Reference to the Bidding Document	Questions from Bidders	Response of Millennium Challenge Account Nepal (MCA-Nepal)
		In case of any early completion, we request to consider for a bonus on completion.	
222.	Section III: Qualification and Evaluation Criteria Subcontractors/Manufacturers Item no 1: Gas Insulated Switchgear	In case a Gas Insulated Switchgear (GIS) manufacturer is a 100% subsidiary company of parent GIS manufacturing Organization and subsidiary manufacturer is manufacturing GIS under technology transfer agreement with parent manufacturer. Kindly allow to subsidiary manufacturer to use it's parent manufacturer credentials to comply with Qualification Criteria for Gas Insulated Switchgear and to offer GIS Switchgear from Subsidiary manufacturer's manufacturing works.	Please refer Section III, where it is stated "The Qualifications and Experience of Parents/Sister/Subsidiary Companies shall not be considered for the evaluation of the technical offers."
223.	Section III: Qualification and Evaluation Criteria Subcontractors/Manufacturers Item no 1: Gas Insulated Switchgear	I. We understand from the past tender "Procurement of Plant Design, Supply, Installation, Testing and Commissioning of Tumlingtar-Sitalpati 220kV Transmission Line and 220kV(GIS)/132/33/11kV AIS Substation at Sitalpati, Sankhuwasabha" invited by NEA (Funded by GoN), Gas insulated switchgear (GIS) manufacturer having manufacturing experience of at least 5 Years is acceptable.	MCA-Nepal have already issued an addendum to clarify the issue. Please refer to Addendum#2.

SN	Reference to the Bidding Document	Questions from Bidders	Response of Millennium Challenge Account Nepal (MCA-Nepal)
		<p>We request to you kindly amend the mentioned GIS Qualification Criteria with the following:</p> <p>- Must have manufacturing experience of at least 5 (Five) years.</p> <p>III. As per GIS Qualification Criteria of NEA, outside manufacturer's home country experience and performance requirement is exempted.</p> <p>Kindly allow the exemption to GIS manufacturer for supply experience and operational performance on outside manufacturer's home country."</p>	
224.	Section V – B1 (Project Specific Requirement)	We understand the Pre-Engineered Building (PEB) can also be offered for 400kV & 220kV GIS Hall, LCC Room, CRP Room & AHU Room. This will help us in reducing the overall execution timeline and also optimizing the overall cost.	Your understanding is not correct. Provision in the Bidding Document will not be changed.
225.	Drawing NBW-120-1	We understand that the consider the Control Room building shall be considered as per the drawing NBW-120-1. Any addition or deletion in requirement shall be subject to additional time & cost compensation	The provided documents are for reference purpose only. The design shall be finalized only during detailed engineering with due approval of the Engineer.

SN	Reference to the Bidding Document	Questions from Bidders	Response of Millennium Challenge Account Nepal (MCA-Nepal)
226.		<p>Layout Drawing:</p> <p>We understand that the size of 400kV & 220kV GIS Hall, LCC Room, CRP Room & AHU Room, can be optimized based on the actual requirement OR should the contractor should offer based on the bid drawing no: NBW-300-1. Kindly confirm</p>	<p>The provided documents are for reference purpose only. The design shall be finalized only during detailed engineering with due approval of the Engineer.</p>
227.	<p>PROJECT SPECIFIC REQUIREMENT (PSR): Lot 2 Butwal</p> <p>CI 3.9</p>	<p>Kindly confirm the existing CRP, SAS at 220kV Butwal s/s. Also confirm whether contractor should integrate the 220kV bays in the existing CRP & SAS. Kindly confirm.</p> <p>In case contractor need to integrate please confirm the availability of BCU's, peripheral units required for 220kV bays</p>	<p>Integration is to be conducted for the 220kV transformer with the existing CRP & SAS.</p> <p>Further, the cost of integration including supply of BCU's peripheral units etc., required for 220kV bays equipment is deemed to be included.</p>
228.	<p>PROJECT SPECIFIC REQUIREMENT (PSR):Lot 2 Butwal</p> <p>CI 3.9</p>	<p>We understand that the 400kV SAS & CRP need not to be integrated with existing SAS/SCADA of Butwal s/s. Please confirm</p>	<p>Confirmed. However, contractor needs to maintain necessary coordination with the existing 220kV S/S during implementation for full functioning of the system.</p>
229.	<p>PROJECT SPECIFIC REQUIREMENT (PSR): Lot 2 Butwal</p> <p>Price Schedule</p>	<p>We understand that the present FOTE system need not to be integrated with existing FOTE at 220kV Butwal s/s. Kindly confirm</p>	<p>Confirmed. However, contractor needs to maintain necessary coordination with the existing 220kV S/S during implementation for full functioning of the system.</p>

SN	Reference to the Bidding Document	Questions from Bidders	Response of Millennium Challenge Account Nepal (MCA-Nepal)
230.	PROJECT SPECIFIC REQUIREMENT (PSR)	Kindly confirm the Safe Soil Bearing Capacity of each substation for civil estimation	The estimation of soil bearing capacity is in the current scope of works.
231.	PROJECT SPECIFIC REQUIREMENT (PSR) Drawing: NBW-230-1 (Rev03)	Being an existing substation, we understand that the main earth for new Butwal substation is to be extended and followed as per drawing NBW-230-1 (Rev03) provided in the bid document. Kindly confirm	Confirmed. However, the provided documents are for the reference purpose only and shall be finalized during Detailed Engineering
232.		We understand that any type of quarters are not in current scope of scope of work. Kindly confirm.	Confirmed
233.	400kV General Arrangement: NBW_200_1_Rev_7 SLD: NBW_100_1_Rev_8 & NBW_100_2_Rev_8"	We understand, in case the contractor need to execute the Base scope of work only, then all the GIS bays of present scope shall be placed in one line adjusted to each other and rest of GIS building area shall be kept for future scope of work. Hence bidder to consider length of the outdoor busduct accordingly. Kindly confirm.	Confirmed.
234.	PROJECT DESCRIPTION AND GENERAL PROJECT REQUIREMENTS 10.2.2	We understand that the temporary site office, laydown area and storage yard shall be within the switchyard boundary and no aququisition of separate land or leased land is required. Kindly confirm.	The Contractor is suggested to plan adequately for the storage yard etc. during the course of execution at the site. However, the Contractor will have the responsibility to acquire or lease the land at his cost for its temporary office, laydown area and storage yards at appropriate locations consistent with its

SN	Reference to the Bidding Document	Questions from Bidders	Response of Millennium Challenge Account Nepal (MCA-Nepal)
		Same shall be provided in compliance with the ESHSMP requirement & approved by employer."	deployment and work performance strategy, and in locations, if required, compliant with the provisions of the ESHSMP and approved by the Engineer and the Employer.
235.	<p>Part 2: Employer's Requirements Section V B1 (Technical Specifications)</p> <p>Chapter12 Telecommunications Specifications</p> <p>General 1.1 c), 1.1 d) &1.1 f)</p>	<p>We understand scope of work involves supply of new SDH and Multiplexer equipment at Ratmate GIS S/S and augmentation of existing SDH equipment at Lapsiphedi & New Hetauda. In view of the same, please provide following:</p> <p>a) Make & Model of existing SDH cum Multiplexer equipment at Lapsiphedi & New hetauda</p> <p>b) STM level (STM-1/4/16)</p> <p>c) Slot/optical & Electrical interface cards/ports availability for proposed integration with new SDH at Ratamate GIS S/S in MCA.NEA scope.</p> <p>d) Please confirm modification of configuration in existing SDH Equipments at New Hetauda & Lapsiphedi wil be done by Purchaser.</p> <p>e) Please confirm new SDH Equipments can be proposed at New Hetauda & Lapsiphedi in-lieu of integration/interfacing requirement of new proposed SDH equipment at Ratamate S/S</p>	<p>a) Contractor shall make sufficient provision to interface the existing SDH equipment. After award, MCA-Nepal will do necessary coordination with the successful contractor to retrieve the details.</p> <p>b) STM 16 upgradable to 64 as per requirements</p> <p>c) It is the responsibility of the contractor.</p> <p>d) It is the responsibility of the contractor.</p> <p>e) Refer to the requirements with interfacing at existing New Hetauda & Lapsiphedi SDH equipment and new SDH equipment at Ratmate.</p>

SN	Reference to the Bidding Document	Questions from Bidders	Response of Millennium Challenge Account Nepal (MCA-Nepal)
		with existing SDH equipments at New hetauda & Lapsiphedi S/s . Please confirm	
236.	<p>Part 2: Employer's Requirements Section V B1 (Technical Specifications)</p> <p>221123_Lot2_NBW_PSR</p> <p>General 1.1 g). iv)</p>	<p>1. Please confirm requirement under this project is Digital Protection Coupler is for Distance Protection only & no differential Protection interface are to be proposed with offered D&I Mux equipment.</p> <p>2. Please confirm DPC qty & same is to be offered distance protection for following lines:</p> <p>Ratamate- New Hetauda 400kV D/C - 8 Nos. (4 at each end)</p> <p>Ratamate- Lapsiphedi 400kV D/C - 8 Nos. (4 at each end).</p> <p>3. Please provide specification of Digital protection coupler. Whetehr NEA specification of DPC i.e 4 commmand , E1 , 48 V DC operated , COMamdn voltage upto 220VDC to be followed or additional IEC61850 ed.2 goose messaging support to be available in offered DIGital Protection coupler equipment. Please confirm.</p>	<p>1. Confirmed.</p> <p>2. Confirmed</p> <p>3. The Contractor is responsible to provide a complete and functional solution consistent with protection schemes and meet NEA requirements for purpose of compatibility</p>

SN	Reference to the Bidding Document	Questions from Bidders	Response of Millennium Challenge Account Nepal (MCA-Nepal)
237.	Part 2: Employer's Requirements Section V B1 (Technical Specifications) Chapter12:Telecommunications Specifications General 1.1 i)	Please confirm whether Digital Type Measuring equipment's are to be supplied. If yes provide detailed specification & quantities of Measuring equipment so that all bidders will be on same platform.	The Bidders to propose measuring and testing equipment compliant with the requirements. Refer to the Price Schedule.
238.	Part 2: Employer's Requirements Section V B1 (Technical Specifications) Chapter12:Telecommunications Specifications TELECOMMUNICATION INTERFACE REQUIREMENT 1.2 i)	Please confirm whether Testing Tools for STM-1,4, 16 & 64 are to be supplied. If yes provide detailed specification & quantities of Measuring equipment so that all bidders will be on same platform.	Bidders to propose metering and testing equipment. Refer to the Price Schedule.
239.	Part 2: Employer's Requirements Section V B1 (Technical Specifications) Chapter12:Telecommunications Specifications FIBER OPTIC PATCH CABLES 2. c)	Please confirm requirement of new RFTU for integration to existing NEA EXFO Fiber Remote Fiber Testing System. Whether supply of the same in scope or not ? Please provide detailed specification & quantity for this requirement.	To be coordinated by the Engineer at the Contract's design stage to ensure compatibility with NEA network equipment
240.	Part 2: Employer's Requirements Section V B1 (Technical Specifications) Chapter12:Telecommunications Specifications GENERAL NETWORK CHARACTERISTICS 2.1.(b) to (e)	1. Requirement of SDH Equipment not clear, please confirm whether SDH Equipment requirement is for STM-1/4/16 2. Upgradability to STM-64 is not understood nas NEA requirement currently is for STM-4/16 or MPLS-TP 1G/10G interfaces (~STM-64). In case offered equipment chassis supports MPLS-TP 1G	1. As per Section V, B1.2, CHAPTER 12: TELECOMMUNICATIONS SPECIFICATION, new generation SDH STM -16 (Upgradable to STM-64) need to be proposed as per the Employer's Requirement. 2. To be coordinated by the Engineer at the Contract's design stage to ensure compatibility with NEA network equipment.

SN	Reference to the Bidding Document	Questions from Bidders	Response of Millennium Challenge Account Nepal (MCA-Nepal)
		<p>or 10 G (equivalent to STM-64) & same can be upgraded in future with MPLS-TP interface cards, will it be acceptable to MCA. Please confirm</p> <p>3. SDH Technology is getting obsolete & only few selected manufacturers in Power Utility domain manufactures SDH equipments which supports STM-64 upgradability. Most of Utilities including NEA are transitioning for existing SDH installed base to MPLS-TP. Hence we request MCA to either limit the requirement to STM-1/4/16 which is used in NEA network in existing & ongoing requirements or in case much more capacity requirement please consider Hybrid MPLS-TP equipment which supports MPLS-TP/SDH/PDH with 1 G or 10G interfaces additionally it can provide STM-1/4/16 interfaces for interfacing with existing SDH equipment.</p>	<p>3. To be coordinated by the Engineer at the Contract's design stage to ensure compatibility with NEA network equipment</p>
241.	<p>Part 2: Employer's Requirements Section V B1 (Technical Specifications)</p> <p>Chapter12:Telecommunications Specifications</p> <p>GENERAL NETWORK CHARACTERISTICS 2.1.(j)</p>	<p>Requirement is not clear. Is it requirement of 13 Nos. D&I Mux at Ratamate S/S or same is mentioned by mistake. Please provide detailed requirement for this point or else delete this clause.</p>	<p>It should be cards with 16 E1 channels as specified in the Technical Data Schedules.</p>

SN	Reference to the Bidding Document	Questions from Bidders	Response of Millennium Challenge Account Nepal (MCA-Nepal)
242.	Part 2: Employer's Requirements Section V B1 (Technical Specifications) Chapter12:Telecommunications Specifications GENERAL NETWORK CHARACTERISTICS 2.1.(q)	Please confirm type of optical interfaces proposed under this project for optical links to be proposed under this project i.e STM-4 or STM-16.	As per Section V, B1.2, CHAPTER 12: TELECOMMUNICATIONS SPECIFICATION, new generation SDH STM -16 (Upgradable to STM-64) need to be proposed as per the Employer's Requirement.
243.	Part 2: Employer's Requirements Section V B1 (Technical Specifications) Chapter12:Telecommunications Specifications TRANSMISSION EQUIPMENT 2.2.(b) & (c)	<ol style="list-style-type: none"> 1. We understand equipment to be proposed is STM-16,5 MSP & only 2 directions out of 5 protected directions should be equipped. Please confirm our understanding. 2. SDH Technology is getting obsolete & only few selected manufacturers in Power Utility domain manufactures SDH equipments. Most of Utilities including NEA are transitioning for existing SDH installed base to MPLS-TP. Please change requirement to MPLS-TP Hybrid 1G , 5 Protected directions. 3. In case bidder offers equivalent MPLS-TP 1G 5 Protected directions will it be acceptable. Please confirm. 	<ol style="list-style-type: none"> 1. Confirmed 2. To be coordinated by the Engineer at Contract's design stage to ensure compatibility with NEA network equipment. 3. You are requested to submit your proposal in accordance with the requirement of the Bidding Document. To be coordinated by the Engineer at Contract's design stage to ensure compatibility with NEA network equipment.

SN	Reference to the Bidding Document	Questions from Bidders	Response of Millennium Challenge Account Nepal (MCA-Nepal)
244.	Part 2: Employer's Requirements Section V B1 (Technical Specifications) Chapter12:Telecommunications Specifications TRANSMISSION EQUIPMENT 2.2.(i) NETWORK MONITORING (CRAFT TERMINAL BASED) 2.2.1 i), iv) and v)	<ol style="list-style-type: none"> 1. Please confirm whether new NMS to be supplied for monitoring of offered NG-SDH Equipment at Ratamate S/S or bidder has to supply only 03 Nos. LCT terminals loaded with craft terminal software for miantenance, configuration & provisioning. 2. Please confirm Laptops should be workstation based & no laptop to be provided for this requirement. 3. In case only Craft terminals to be offered then requirement of integration with full NMS server is not understood. If OEM didn't have existing NMS in NEA/MCA network how to integrate craft terminal as existing NMS is proprietary in nature. 	<ol style="list-style-type: none"> 1. Supply shall be as specified in 2.2 j and 2.2.1 2. Workstation to be laptop based 3. Refer to #1 above
245.	Part 2: Employer's Requirements Section V B1 (Technical Specifications) Chapter12: Telecommunications Specifications OPTICAL FIBRE TERMINATION AND SPLICING 3.4	<p>Please confirm whether 24 F or 48F Fiber Rackmounted /Wall Mounted fiber FODP to be proposed at Ratamate GIS S/S.</p> <p>Please confirm whether existing FODP's at Lapsiphedi & New Hetauda (existing FO Approach Cable are already terminated) can be used for new link i.e New Hetauda to Ratamate & Ratamate to Lapsiphedi or new FODP's are to be supplied at Ratamate, New hetauda & Lapsiphedi S/S's</p>	<ol style="list-style-type: none"> 1. 48F FODP 2. Contractor to supply new FODP at Lapsiphedi and New Hetauda

SN	Reference to the Bidding Document	Questions from Bidders	Response of Millennium Challenge Account Nepal (MCA-Nepal)
	FIBER OPTIC DISTRIBUTION PANELS & 3.5.ii)		
246.	Part 2: Employer's Requirements Section V B1 (Technical Specifications) 220913_B02_GTR 221123_Lot2_NBW_PSR Testing TYPE TESTING, INSPECTION, TESTING & INSPECTION CERTIFICATE 10 10.3 PROJECT DESCRIPTION AND SCOPE 1.3	Please confirm requirement of Type tests for Telecom is 10 years of 5 Years as both Technical specifications, PSR & GTR requirement are conflicting.	5 Years for telecommunication equipment.
247.	Part 2: Employer's Requirements Section V B1 (Technical Specifications) PHASES FOR SITE ACCEPTANCE TESTING 11.8, d) v)	Please confirm whether Testing Tools are to be supplied. If yes provide detailed specification & quantities of Testing tools so that all bidders will be on same platform.	Bidders to propose metering and testing equipment. Refer to the Price Schedule.
248.	Part 2: Employer's Requirements Section V B1 (Technical Specifications) Chapter 13: TELEPHONE SYSTEM Specifications	Please provide configuration of offered EPABX system at RATAMATE S/S as details mnot provided TS/Techhnicl datasheet i.e	1 to 5- Refer to the corresponding technical data schedule 6- Required 7- Phone based

SN	Reference to the Bidding Document	Questions from Bidders	Response of Millennium Challenge Account Nepal (MCA-Nepal)
	1.Telephone System	1. no. Analog/ Digital Subscribers, 2. no. of IP Subscribers, 3. No. of E1 Interface, 4. No. of E&M Interface 5. CO Lines 6. Power Supply & Control Card Redundancy required or not 7. Operater Console PC Based or Phone based 8. Analog Subscriber qty & specification 9. DIgital Subscriber phone qty & specification 10. Attendant Phones qty & specification 11. Outdoor Telephone Sets quantity & Specification 12. IP Phone Qty & specification (SIP based or open SIP)	8 – Analog phone in substation main control room 9 – Digital phone in each room of control building and GIS building 10- Attendant phone in substation main control room 11- Outdoor phone in three strategic locations of the substation 12- Same as #9
249.	Part 2: Employer's Requirements Section V B1 (Technical Specifications) Chapter 13: TELEPHONE SYSTEM Specifications EQUIPMENT TECHNICAL PARTICULARITIES 2.e)	We understand EPABX to be supplied wired with required interfaces & it should have 200% spare capacity for future. Please confirm	Confirmed

SN	Reference to the Bidding Document	Questions from Bidders	Response of Millennium Challenge Account Nepal (MCA-Nepal)
250.	Part 2: Employer's Requirements Section V B1 (Technical Specifications) Chapter 13: TELEPHONE SYSTEM Specifications EQUIPMENT TECHNICAL PARTICULARITIES 2.i)	Please provide attendant console requirement & expandability requirement for attendant consoles.	Bidder to propose attendant console to be suitable and meet requirements of cause 2.5.4
251.	Part 2: Employer's Requirements Section V B1 (Technical Specifications) Chapter 13: TELEPHONE SYSTEM Specifications EQUIPMENT TECHNICAL PARTICULARITIES 2.h)	5 Meter 10 PAIR Jelly filled Telephone cable to be supplied with EPABX for Analog Subscriber/Remote Subscribers.	The Bidders to propose a fully functional turnkey installation not limited to 5m.
252.	Part 2: Employer's Requirements Section V B1 (Technical Specifications) Chapter 13: TELEPHONE SYSTEM Specifications EQUIPMENT TECHNICAL PARTICULARITIES 2.k)-Ratmate Reference	Please confirm E1/E&M /FXS interfaces for Remote subscriber & existing EPABX integration will be 35uilding by MCA/NEA. Existing EPABX configuration for integration will be in scope of MCA/NEA . 35uildi confirm.	The entire requirements to fulfill the tasks will be in the scope of the contractor.
253.	Part 2: Employer's Requirements Section V B1 (Technical Specifications) Chapter 13: TELEPHONE SYSTEM Specifications	Telephone Cabling in existing S/S's in New Hetaudi and New Butwal & at Ratamate office, equipment room , guard room , control buiding, switchyard room	The entire requirements to fulfill the tasks will be in the scope of the contractor.

SN	Reference to the Bidding Document	Questions from Bidders	Response of Millennium Challenge Account Nepal (MCA-Nepal)
	2.6. DESIGN OF TELEPHONE SYSTEM (h)-Ratmate Reference	will be in scope of MCA/NEA. Please confirm	
254.	<p>Part 2: Employer's Requirements Section V B1 (Technical Specifications)</p> <p>Chapter 12: Telecommunications Specifications</p> <p>1. Telecommunications General 1.1 b), 1.1 d) & 1.1 e)</p> <p>New Butwal reference.</p>	<p>We understand scope of work involves supply of new SDH and Multiplexer equipment at New Butawal GIS S/S and augmentation of existing SDH equipment at Indian Border Gorakhpur & New Damauli. In view of the same, please provide following:</p> <p>a) Make & Model of existing SDH cum Multiplexer equipment at Gorakhpur, India & New Damauli</p> <p>b) STM level (STM-1/4/16)</p> <p>c) Slot/optical & Electrical interface cards/ports availability for proposed integration with new SDH at New Butawal GIS S/S in MCA/NEA scope.</p> <p>d) Please confirm modification of configuration in existing SDH Equipments at Gorakhpur & New Damaulii wil be done by Purchaser.</p> <p>e) Please confirm new SDH Equipments can be proposed at Gorakhpur & New Damauli in-lieu of integration/interfacing requirement of new proposed SDH</p>	<p>a) & b) To be coordinated by the Engineer at the Contract's design stage to ensure compatibility with NEA network equipment</p> <p>c) & d) Interface cards and modifications within Contractor's scope of works</p> <p>e) To be coordinated by the Engineer at Contract design stage to ensure compatibility with NEA and Indian network equipment.</p> <p>f) Bidders may please review Figure-1 under CHAPTER-13 for better understanding.</p>

SN	Reference to the Bidding Document	Questions from Bidders	Response of Millennium Challenge Account Nepal (MCA-Nepal)
		<p>equipment at New Butawal S/S with existing SDH equipments at Gorakhpur & New Damauli S/s . Please confirm</p> <p>f) Requirement of supply & installation of SDH interface cards at Ratamate S/S is mentioned by mistake & there is no integration requirement with RATAMATE S/S of proposed SDH equipment at New Butawal.</p>	
255.	<p>Part 2: Employer's Requirements Section V B1 (Technical Specifications)</p> <p>221123_Lot2_NBW_PSR</p> <p>Chapter 12: Telecommunications Specifications</p> <p>1. Telecommunications General 1.1 c).iv) 2.1.1.a</p>	<p>1. Please confirm requirement under this project is Digital Protection Coupler is for Distance Protection only & no differential Protection interface are to be proposed with offered D&I Mux equipment.</p> <p>2. Please confirm DPC qty & same is to be offered distance protection for following lines:</p> <p>New Butawal- New Damauli 400kV D/C - 8 Nos. (4 at each end, 4 Nos. for New Damauli will be considered in LOT-3)</p> <p>New Butawal- Gorakhpur 400kV D/C - 4 Nos. (2 at each end).</p> <p>Analog Protection Coupler through PLCC</p> <p>New Butawal- Gorakhpur 400kV D/C - 4 Nos. (2 at each end)</p>	<p>1. Confirmed</p> <p>2. Confirmed</p> <p>3. The Contractor is responsible for providing a complete and functional solution consistent with the protection schemes and meet NEA and Indian Utility requirements for purpose of compatibility.</p>

SN	Reference to the Bidding Document	Questions from Bidders	Response of Millennium Challenge Account Nepal (MCA-Nepal)
		3. Please confirm proposed DPC & existing SDH at Gorakhpur S/S are located in control room & same is not kiosk based & DPC panel situated within distance of 40 meter & there is no requirement of E1-FO COnverter for E1 extension for DPC to SDH interfacing.	
256.	Part 2: Employer's Requirements Section V B1 (Technical Specifications) Chapter12: Telecommunications Specifications 1. Telecommunications General 1.1 i)	Please confirm whether Digital Type Measuring equipments are to be supplied. If yes provide detailed specification & quantities of Measuring equipment so that all bidders will be on same platform.	The Bidders to propose measuring and testing equipment compliant with the requirements. Refer to the Price Schedule.
257.	Part 2: Employer's Requirements Section V B1 (Technical Specifications) Chapter12: Telecommunications Specifications 1.2 TELECOMMUNICATION INTERFACE REQUIREMENT (i)	Please confirm whether Testing Tools for STM-1,4, 16 & 64 are to be supplied. If yes provide detailed specification & quantities of Measuring equipment so that all bidders will be on same platform.	The Bidders to propose metering and testing equipment. Refer to the Price Schedule.
258.	Part 2: Employer's Requirements Section V B1 (Technical Specifications) Chapter12: Telecommunications Specifications 2.FIBER OPTIC PATCH CABLES (c)	Please confirm requirement of new RFTU for integration to existing NEA EXFO Fiber Remote Fiber Testing System. Whether supply of the same in scope or not ? Please provide detailed specification & quantity for this requirement.	To be coordinated by the Engineer at the Contract's design stage to ensure compatibility with NEA network equipment

SN	Reference to the Bidding Document	Questions from Bidders	Response of Millennium Challenge Account Nepal (MCA-Nepal)
259.	<p>Part 2: Employer's Requirements Section V B1 (Technical Specifications)</p> <p>Chapter12: Telecommunications Specifications</p> <p>2.1 GENERAL NETWORK CHARACTERISTICS b) to e)</p>	<p>1. Requirement of SDH Equipment not clear , please confirm whetehr SDH Equipment requirement is for STM-1/4/16</p> <p>2. Upgradability to STM-64 is not understood nas NEA requirement currently is for STM-4/16 or MPLS-TP 1G/10G interfaces (~STM-64). In case offered equipment chassis supports MPLS-TP 1G or 10 G (equivalent to STM-64) & same can be upfgraded in fiuture with MPLS-TP interface cards, will it be acceptable to MCA. Please confirm</p> <p>3. SDH Technology is getting obsolete & only few selected manufacturers in Power Utility domain manufactures SDH equipments which supports STM-64 upgradability. Most of Utilities including NEA are transitioning for existing SDH installed base to MPLS-TP. Hence we request MCA to either limit the requirement to STM-1/4/16 which is used in NEA network in existing & ongoing requirements or in case much more capacity requirement please consider Hybrid MPLS-TP equipment which supports MPLS-TP/SDH/PDH with 1 G or 10G interfaces additionally it can provide</p>	<p>1. As per Section V, B1.2, CHAPTER 12: TELECOMMUNICATIONS PECIFICATION, new generation SDH STM -16 (Upgradable to STM-64) need to be proposed as per the Employer's Requirement.</p> <p>2. To be coordinated by the Engineer at the Contract's design stage to ensure compatibility with NEA network equipment.</p> <p>3. To be coordinated by the Engineer at the Contract's design stage to ensure compatibility with NEA network equipment</p>

SN	Reference to the Bidding Document	Questions from Bidders	Response of Millennium Challenge Account Nepal (MCA-Nepal)
		STM-1/4/16 interfaces for interfacing with existing SDH equipment.	
260.	Part 2: Employer's Requirements Section V B1 (Technical Specifications) Chapter12: Telecommunications Specifications 2.1 GENERAL NETWORK CHARACTERISTICS j)	Requirement is not clear. Is it requirement of 13 Nos. D&I Mux at Ratamate S/S or same is mentioned by mistake. Please provide detailed requirement for this point or else delete this clause.	It should be cards with 16 E1 channels as specified in the Technical Data Schedules.
261.	Part 2: Employer's Requirements Section V B1 (Technical Specifications) Chapter12: Telecommunications Specifications 2.1 GENERAL NETWORK CHARACTERISTICS q)	Please confirm type of optical interfaces proposed under this project for optical links to be proposed under this project i.e STM-4 or STM-16.	As per Section V, B1.2, CHAPTER 12: TELECOMMUNICATIONS SPECIFICATION, new generation SDH STM -16 (Upgradable to STM-64) need to be proposed as per the Employer's Requirement.
262.	Part 2: Employer's Requirements Section V B1 (Technical Specifications) Chapter12: Telecommunications Specifications 2.2 TRANSMISSION EQUIPMENT 2.2.b) & c)	1. We understand equipment to be proposed is STM-16,5 MSP & only 2 directions out of 5 protected directions should be equipped. Please confirm our understanding. 2. SDH Technology is getting obsolete & only few selected manufacturers in Power Utility domain manufactures SDH equipments. Most of Utilities including	1. Confirmed 2. To be coordinated by the Engineer at the Contract's design stage to ensure compatibility with NEA network equipment. 3. To be coordinated by the Engineer at the Contract's design stage to ensure compatibility with NEA network equipment.

SN	Reference to the Bidding Document	Questions from Bidders	Response of Millennium Challenge Account Nepal (MCA-Nepal)
		<p>NEA are transitioning for existing SDH installed base to MPLS-TP. Please change requirement to MPLS-TP Hybrid 1G , 5 Protected directions.</p> <p>3. In case bidder offers equivalent MPLS-TP 1G 5 Protected directions will it be acceptable. Please confirm.</p>	
263.	<p>Part 2: Employer's Requirements Section V B1 (Technical Specifications)</p> <p>Chapter12: Telecommunications Specifications</p> <p>2.2 TRANSMISSION EQUIPMENT</p> <p>2.2.1 NETWORK MONITORING (CRAFT TERMINAL BASED) 2.2.i)</p> <p>2.2.1</p>	<p>1. Please confirm whether new NMS to be supplied for monitoring of offered NG-SDH Equipment at Ratamate S/S or bidder has to supply only 03 Nos. LCT terminals loaded with craft terminal software for miantenance, configuration & provisioning.</p> <p>2. Please confirm Laptops should be workstation based & no laptop to be provided for this requirement.</p> <p>3. In case only Craft terminals to be offered then requirement of integration with full NMS server is not understood. If OEM didn't have existing NMS in NEA/MCA network how to integrate craft terminal as existing NMS is proprietary in nature.</p>	<p>1. Supply shall be as specified in 2.2 j and 2.2.1</p> <p>2. Workstation to be laptop based.</p> <p>3. Refer to #1 above.</p>
264.	<p>Part 2: Employer's Requirements Section V B1 (Technical Specifications)</p>	<p>Please confirm whether 24 F or 48F Fiber Rackmounted /Wall Mounted fiber FODP to be proposed at New Butawal GIS S/S .</p>	<p>1. 48F FODP</p> <p>2. Contractor to supply new FODP at Lapsiphedi and New Hetauda</p>

SN	Reference to the Bidding Document	Questions from Bidders	Response of Millennium Challenge Account Nepal (MCA-Nepal)
	<p>Chapter12: Telecommunications Specifications</p> <p>3.4 OPTICAL FIBRE TERMINATION AND SPLICING</p>		
265.	<p>Part 2: Employer's Requirements Section V B1 (Technical Specifications)</p> <p>220913_B02_GTR</p> <p>221123_Lot2_NBW_PSR/1.PROJECT DESCRIPTION AND SCOPE, 1.3 SCOPE OF SUPPLY AND SERVICES</p> <p>Testing</p> <p>TYPE TESTING, INSPECTION, TESTING & INSPECTION CERTIFICATE 11</p> <p>10.3</p>	<p>Please confirm requirement of Type tests for Telecom is 10 years of 5 Years as both Technical specifications, PSR & GTR requirement are conflicting.</p>	<p>5 Years for telecommunication equipment.</p>
266.	<p>Part 2: Employer's Requirements Section V B1 (Technical Specifications)</p> <p>PHASES FOR SITE ACCEPTANCE TESTING 11.8 d), v)</p>	<p>Please confirm whether Testing Tools are to be supplied. If yes provide detailed specification & quantities of Testing tools so that all bidders will be on same platform.</p>	<p>The Bidders to propose metering and testing equipment. Refer to the Price Schedule.</p>

SN	Reference to the Bidding Document	Questions from Bidders	Response of Millennium Challenge Account Nepal (MCA-Nepal)
267.	<p>Part 2: Employer's Requirements Section V B1 (Technical Specifications)</p> <p>Chapter 13</p> <p>1. TELEPHONE SYSTEM</p>	<p>Please provide configuration of offered EPABX system at RATAMATE S/S as details mnot provided TS/Techhnical datasheet i.e</p> <ol style="list-style-type: none"> 1. no. Analog/ Digital Subscribers, 2. no. of IP Susbcribers, 3. No. of E1 Interface, 4. No. of E&M Interface 5. CO Lines 6. Power Supply & Control Card Redundancy required or not 7. Operater Console PC Based or Phone based 8. Analog Subscriber qty & specification 9. DIgital Subscriber phone qty & specification 10. Attendant Phones qty & specification 11. Outdoor Telephone Sets quantity & Specification 	<ol style="list-style-type: none"> 1 to 5- Refer to the corresponding technical data schedule. 6- Required. 7- Phone based. 8 – Analog phone in substation main control room. 9 – Digital phone in each room of control building and GIS building. 10- Attendant phone in substation main control room. 11- Outdoor phone in three strategic locations of the substation. 12- Same as #9.

SN	Reference to the Bidding Document	Questions from Bidders	Response of Millennium Challenge Account Nepal (MCA-Nepal)
		12. IP Phone Qty & specification (SIP based or open SIP)	
268.	Part 2: Employer's Requirements Section V B1 (Technical Specifications) Chapter 13 EQUIPMENT TECHNICAL PARTICULARITIES 2 (Butwal Reference)	We understand RATAMATE S/S is mentioned by mistake & same should be read as New Butawal & there is integration requirement with RATAMATE S/S. Please confirm	The Bidders may please review Figure-1 under CHAPTER-13 for better understanding.
269.	Part 2: Employer's Requirements Section V B1 (Technical Specifications) Chapter 13 2.2. DESIGN OF TELEPHONE SYSTEM	Telephone Cabling in existing S/S's in New Damauli 1 & at New Butawal office, equipment room, guard room , control building, switchyard room will be in scope of MCA/NEA. Please confirm	The entire requirements to fulfill the tasks will be in the scope of contractor.
270.	Section III Qualification and Evaluation Criteria Sub-factor16. Similar Construction Experience	Our Proposal for Qualification Requirements change as below: <ul style="list-style-type: none"> ● US \$34 Million (2 Contracts each of US\$ 34 Million or above) ● US\$ 20 Million (2 Contracts each of US\$ 20 Million or above) ● US\$ 21 Million (2 Contracts each of US\$ 21 Million or above) 	Please refer Addendum#2 of the Bidding Document.

SN	Reference to the Bidding Document	Questions from Bidders	Response of Millennium Challenge Account Nepal (MCA-Nepal)
271.		<p>Please provide the drawing for</p> <p>Procurement Title: Procurement of Plant Design, Supply, Delivery, Installation, Testing and Commissioning of Lot 1: 400 kV Ratmate Substation and works at Lapsiphedhi and New Hetauda Substations Lot 2: 400 kV New Butwal Substation Lot 3: 400 kV New Damauli Substation Procurement Ref. Number MCA-N/ETP/CB/004</p>	<p>MCA-Nepal have already provided the available drawings. Any additional drawings, if available, will be shared separately.</p>
272.	<p>Section II. Bid Data Sheet</p> <p>ITB 21.3</p>	<p>Bidder understand if any bidder participates in more than one (1) Lot, then in order to meet the Qualification (as per Section III Qualification and Evaluation Criteria), the supporting documents for Bidder & Suppliers credentials is common for all lots in Technical offer.</p> <p>i.e. only one (1) original and one hard copy, and a scanned copy of the original in PDF format and Work Schedule in MS Project on a flash drive to be submitted for all Lots.</p> <p>Please confirm.</p>	<p>Your understanding is not correct.</p> <p>If a Bidder wants to apply for more than one Lot, the Bidder needs to go through various requirements stated under Bidding Document.</p> <p>The Bidder should submit a separate technical offer for different lots because there are many requirements that need to be separately complied for each lot such as Equipment, Personnel, etc.</p> <p>Further, a bidder may want to present a design, program etc. specific for each lot.</p> <p>The Bidder may submit three separate documents for each Lot, or they may submit common documents once mentioning the information of lots. As there are common documentations as well as separate/different documentations required under</p>

SN	Reference to the Bidding Document	Questions from Bidders	Response of Millennium Challenge Account Nepal (MCA-Nepal)		
			the bidding document. The documents could be submitted as follows too:		
	BDS: ITB 12.2	Common/ Separate- for each lot	Remarks		
	1) Letter of Technical Offer	Could be Common if JV partners are same in all lots			
	2) Bid Security (Bank Guarantee)	Separate			
	3) TECH-1: Design Proposal	Separate	If, as per Bidder's experience, the information required is same- for TECH-1, TECH-2, TECH-3. They may		
	4) TECH-2: Method Statement	Separate			
	5) TECH-3: Environmental, Social Gender, Health & Safety	Separate			

SN	Reference to the Bidding Document	Questions from Bidders	Response of Millennium Challenge Account Nepal (MCA-Nepal)		
			Staffing Methodology		present the same information for three lots and with heading that
			6) TECH-4: Program	Separate	TECH-1: Design Proposal, 4)TECH-2: Method Statement, TECH-3: Environmental, Social Gender, Health & Safety Staffing Methodology and TECH-4: Program for Lot 1, Lot 2 and Lot 3
			7) TECH-5: Project	Separate	

SN	Reference to the Bidding Document	Questions from Bidders	Response of Millennium Challenge Account Nepal (MCA-Nepal)		
			Management Organization		
			8) TECH-6: Construction Equipment	Separate	
			9) TECH-7: CVs of Key Personnel	Separate	
			10) ELI-1: Bidder Information Sheet	Could be Common if JV partners are same in all lots	
			11) ELI-2: Joint Venture/Association /Subcontractor/Key Suppliers/Other Key Vendors Information Sheet	Common in case same JV for all lots	
			12) ELI-3: Government-Owned Enterprise Certification Form	Could be Common if JV partners are same in all lots	

SN	Reference to the Bidding Document	Questions from Bidders	Response of Millennium Challenge Account Nepal (MCA-Nepal)		
			13) CON-1: History of Contract Non-Performance and Litigation	Could be Common if JV partners are same in all lots	
			14) CON-2: Compliance with Sanctions Certification Form	Separate	
			15) FIN-1: Financial Situation	Could be Common if JV partners are same in all lots	
			16) FIN-2: Average Annual Turnover (Design and Construction)	Could be Common if JV partners are same in all lots	
			17) FIN-3: Financial Resources	Could be Common if JV partners	

SN	Reference to the Bidding Document	Questions from Bidders	Response of Millennium Challenge Account Nepal (MCA-Nepal)		
				are same in all lots	
			18) FIN-4: Current Contract Commitments/Works in Progress	Could be Common if JV partners are same in all lots	
			19) EXP-1: General Design Experience	Could be Common if JV partners are same in all lots	
			20) EXP-2: General Construction Experience	Could be Common if JV partners are same in all lots	
			21) EXP-3: Similar Design Experience	Could be Common if JV partners are same in all lots	

SN	Reference to the Bidding Document	Questions from Bidders	Response of Millennium Challenge Account Nepal (MCA-Nepal)		
			22) EXP-4: Similar Construction Experience	Could be Common if JV partners are same in all lots	
			23) EXP-5: Environmental and Social (E&S) Management and Gender and Social Inclusion Experience	Could be Common if JV partners are same in all lots	
			24) EXP-6: Health and Safety (H&S) Management Experience	Could be Common if JV partners are same in all lots	
			25) REF-1: References of MCC-Funded Contracts	Could be Common if JV partners are same in all lots	

SN	Reference to the Bidding Document	Questions from Bidders	Response of Millennium Challenge Account Nepal (MCA-Nepal)		
			26) REF-2: References for Contracts Not Funded by MCC	Could be Common if JV partners are same in all lots	
			27) TECH-8: Manufacturer's Authorization	Separate	However, it could be common depend upon Bidders Proposal
			28) TECH-9: List of Proposed Subcontractors	Separate	
			29) TECH-10: List of Proposed Manufacturer and/or Supplier	Separate	
			30) TECH-11: Technical Data Schedule	Separate	
			31) Written confirmation of authorization to sign on behalf of the Bidder as per ITB 21.5 and/or 21.6 (b)	Could be Common if JV partners are same in all lots	

SN	Reference to the Bidding Document	Questions from Bidders	Response of Millennium Challenge Account Nepal (MCA-Nepal)		
			32) Document as per requirement of ITB 5.7 (In case of Joint Venture)	Common or separate depend upon Bidders Proposal	
			Business/ firm registration certificates	Could be Common if JV partners are same in all lots	
			Written certification from the Government as per the requirements of ITB 5.11(d), if applicable, otherwise the Bidder shall include in its bid a statement confirming that no Government Employees have been proposed by the Bidder.	If applicable , Separate as the personnel required are different	

SN	Reference to the Bidding Document	Questions from Bidders	Response of Millennium Challenge Account Nepal (MCA-Nepal)		
			Country of origin for services proposed under the Bid	Could be same or separate depend upon bidder and sourcing.	
			Draft Contractor's COVID-19 Risk Mitigation Plan	Could be same or separate depend upon bidder.	
			Filled Appendix to Letter of Financial Offer	Could be same or separate depend upon bidder.	
			BDS: ITB 12.3		
			1) Letter of Financial Offer	Could be Common if JV partners	

SN	Reference to the Bidding Document	Questions from Bidders	Response of Millennium Challenge Account Nepal (MCA-Nepal)		
				are same in all lots	
			2) Appendix to Financial Offer	Common or separate depend upon Bidders Proposal	
			3) Schedule of Payments	Same for all lots	
			4) Cash Flow Projection	Common or separate depend upon Bidders Proposal	
			5) Breakdown of Rates and Prices Schedules	Separate	
			i. Schedule No. 1. Design Services	Separate	

SN	Reference to the Bidding Document	Questions from Bidders	Response of Millennium Challenge Account Nepal (MCA-Nepal)		
			ii. Schedule No. 2. Plant, Goods, Materials and Mandatory Tools and Spare Parts Supplied from Abroad	Separate	
			iii. Schedule No. 3. Plant, Goods, Materials and Mandatory Tools and Mandatory Spare Parts Supplied from Within the Employer's Country	Separate	
			iv. Schedule No. 4. Installation and Other Services Included all Related Civil Works	Separate	
			v. Schedule No. 5. Grand Summary (Schedule Nos. 1 to 4)	Separate	
			vi. Recommended Spare Parts	Separate	

SN	Reference to the Bidding Document	Questions from Bidders	Response of Millennium Challenge Account Nepal (MCA-Nepal)
273.	Section II. Bid Data Sheet ITB 21.3	As per bid Form "Letter of Financial Offer" is common for all Lots. Bidder understand if any bidder participates in more than one (1) Lot, then the Price Breakup for "BASE" and "OPTION" for all applicable Lots shall be submitted in one (1) original and one hard copy, and a scanned copy of the original in PDF format on a flash drive. Schedule of Prices must also be submitted in Microsoft Excel format in USB Drive and Sealed in the original packet. Please confirm.	Please refer ITB 21.3 which states: The Bidder must submit: Technical Offer: one (1) original and one hard copy, and a scanned copy of the original in PDF format and Work Schedule in MS Project on a flash drive. Financial Offer: one (1) original and one hard copy, and a scanned copy of the original in PDF format on a flash drive. Schedule of Prices must also be submitted in Microsoft Excel format.
274.	Section III Qualification and Evaluation Criteria Sub Factor 16. Similar Construction Experience	Referring Sub clause (a), Bidder understands in case any EPC wishes to qualify in multiple lots (Lot-1,2,3), then EPC has to provide three (3) Projects with value as per Sr. No. (a) in each Lot to meet the requirement. Let us consider these projects as main projects. Now, main projects used in Lot-1 cannot be used for Lot-2 or Lot-3 and vice-versa. That means, to qualify all three (3) Lots, Bidder has to provide Three (3) for Lot 1 + Three (3) for Lot 2+ Three (3) for Lot 3 = Nine (9) individual Projects as main	There are two parts of your question. First part is related with Qualifications - Documents establishing the Qualifications of the Bidder, related to Sub Factor 16. Similar Construction Experience. Here your understanding is correct that to satisfy the requirement of all lots together you need to have 9 contracts as per original Bidding Document which is revised as 6 contracts as per Addendum 2.

SN	Reference to the Bidding Document	Questions from Bidders	Response of Millennium Challenge Account Nepal (MCA-Nepal)
		<p>projects for meeting the overall Qualification for all 3 lots.</p> <p>In order to obtain better points in Technical evaluation Bidder/EPC has to provide additional projects over and above main projects as referred above.</p> <p>Please confirm our understanding is correct.</p>	<p>Second part of the question is related to D. Technical Evaluation Criteria for each Lot. Here, for Organizational Capability and Experience of the Contractor within last 10 Years the evaluation for each lot will be the same and the scoring will also be the same. Here if the Bidder will have more projects/contracts satisfying the requirement, the bidder will get more points.</p>
275.	<p>Section III Qualification and Evaluation Criteria</p> <p>Sub Factor 16. Similar Construction Experience</p>	<p>Bidders understand that the Qualification requirement of following two are the most important criteria to fulfill the credibility of EPC.</p> <p>1) Experience of Similar project in South Asian country and</p>	<p>The requirement can be met by the Joint Venture as all members combined and thus there is no requirement of which partner is satisfying the requirement.</p>

SN	Reference to the Bidding Document	Questions from Bidders	Response of Millennium Challenge Account Nepal (MCA-Nepal)
		<p>2) Project outside the bidder's home country</p> <p>Bidder understand both of the above shall be met by Lead Bidder incase of any JV/ Association participation.</p>	<p>However, MCA-Nepal is reviewing this requirement and may issue an addendum to this requirement (Sub Factor 16. Similar Construction Experience) after receiving approval from the authority.</p>
276.	<p>Section III Qualification and Evaluation Criteria</p> <p>Sub Factor 16. Similar Construction Experience</p>	<p>Refer Point No.(b) GIS System with 50kA Short Circuit rating.</p> <p>Bidder wants to mention that Short Circuit rating is a system requirement.</p> <p>In any project where Short Circuit requirement is less than 50kA (say, 40kA) but supplied GIS equipment is type tested for 50kA or above (say, 63kA) then bidder can submit that project details for qualification purpose.</p> <p>Please confirm our understanding.</p>	<p>Your understanding is correct.</p>
277.	<p>Section III Qualification and Evaluation Criteria</p> <p>Sub Factor 16. Similar Construction Experience</p>	<p>Refer Point No.(d) Transformer credential of 1000MVA or above in each Lot</p> <p>Bidder understand that cumulative 1000MVA Transformer credential in each Lot have to be demonstrated.</p> <p>This can be done within the main three (3) nos. projects submitted for the Lot or /and additional similar projects (if any) provided by bidders.</p>	<p>Your understanding is correct, cumulative 1000MVA Transformer credential in each Lot have to be demonstrated irrespective of the number of projects. MCA-Nepal may issue an addendum for the same after approval from the authority.</p>

SN	Reference to the Bidding Document	Questions from Bidders	Response of Millennium Challenge Account Nepal (MCA-Nepal)
		Please confirm our understanding is correct.	
278.	<p>Section III Qualification and Evaluation Criteria</p> <p>Sub Factor 16. Similar Construction Experience</p>	<p>Bidder understand that "Successful completed project cannot be Substantial Completed project and vice versa, hence request to amend the clause as per text below:</p> <p>Evidence shall be given by end users or taking over certificates. All contracts must have been successfully and OR s substantially completed with at least one (1) of them being outside the contractor's home country. All contracts should have features similar to the proposed plant and services. The similarity shall be based on the physical size, complexity, methods/technology or other characteristics as described in Section V, Employer's Requirements.</p>	<p>The requirement in the bidding document is not "Successfully Completed" but "successfully and substantially completed". MCA-Nepal is looking for a project which has been successfully and substantially completed.</p>
279.	<p>Section III Qualification and Evaluation Criteria</p> <p>Sub Factor 16. Similar Construction Experience</p>	<p>Bidder understand One (1) outside home country similar project is asked for all Lots (Lot-1, 2, & 3) combined. That means, if bidder is having Only One (1) similar project outside bidder's home country then bidder can qualify for all the Lots.</p>	<p>The requirement of similar project outside the bidder's home country has been removed through addendum#2.</p>

SN	Reference to the Bidding Document	Questions from Bidders	Response of Millennium Challenge Account Nepal (MCA-Nepal)
	<i>All contracts must have been successfully and substantially completed with at least one (1) of them being outside the contractor's home country.</i>	Please confirm our understanding is correct.	
280.	Not Used		
281.	<p>Section III Qualification and Evaluation Criteria</p> <p>Sub Factor 10</p> <p>Sub Factor 11</p> <p>Sub Factor 12</p>	<p>Bidder understand in case bidder wants to qualify for more than one Lots then the bidder needs to satisfy the total cumulative Financial QR requirements for Lots.</p> <p>In case any bidder is participating in Substation pkg and Transmission line package then the bidder needs to satisfy the total requirements for respective lots of both Substation and Transmission package in consideration.</p>	<p>Sub-Factor 10, is the Historical Financial Performance which requires financial statements and financial ratios. Thus, there is no cumulative requirement for this Sub-Factor 10.</p> <p>Sub-Factor 11: Yes, to qualify for more than one lot the Bidder must satisfy cumulative turnover requirements for those lots.</p> <p>Sub-Factor 12: Yes, to qualify for more than one lot the Bidder must satisfy cumulative Financial Resources requirements for those lots.</p> <p>The procurement of Substation and Transmission Line are two different procurement and thus there is no relation between them with respect to qualification criteria evaluation.</p>

SN	Reference to the Bidding Document	Questions from Bidders	Response of Millennium Challenge Account Nepal (MCA-Nepal)
282.	Technical Scoring	<p>Scoring system against technical documentations are clearly mentioned in the tender documents. The Bidder presume it is applicable in case of Sole Bidding.</p> <p>But if, two or more EPCs are participating in JV / Association / Consortium then how technical scoring will take shape is not mentioned in the tender documents clearly. Bidder request MCA to explain it during pre-bid meeting or through written clarification. Bidder strongly believe that such explanation will influence the nature of bidding (sole bidding or JV / Association / Consortium) positively.</p>	<p>The questions are not very clear.</p> <p>Considering that the clarification is about how the JV bids will be evaluated for “D. Technical Evaluation Criteria for each Lot, Organizational Capability and Experience of the Contractor within last 10 Years”, the response is as follows:</p> <p>In case of Joint Venture, the experience of each JV partner shall be added. For example, the requirement is 1.1 Regional experience in Construction of Electrical Substations in South Asia in minimum two projects.</p> <p>JV Lead Partner has experience in one such project and JV partner has also one such project experience. Thus, the JV has two such experience and thus meets the criteria.</p>
283.	Ratmate Price Schedule - BASE	<p>Bidder request to clarify:</p> <p>In Schedule 2 - the item no. 2.18.12 and item no. 2.18.13 are having Sub items under separate header "Bus bar Elements (For 400kV)" & "Bus bar Elements (For</p>	<p>MCA-Nepal may issue an addendum, as required after approval from the authority.</p>

SN	Reference to the Bidding Document	Questions from Bidders	Response of Millennium Challenge Account Nepal (MCA-Nepal)
		<p>220kV)" respectively for each Voltage level.</p> <p>However, in Schedule 3 - item no. 3.18.8 is not in line with Schedule 2 requirements.</p>	
284.	<p>Section I. Instructions to Bidders</p> <p>5.7 Joint Venture or Association</p>	<p>Maximum No. of JV can participation is not mentioned in bidding documents. Please clarify.</p>	<p>There is no limitation to the number of JV members stated in the Bidding Document.</p>
285.	<p>Section III Qualification and Evaluation Criteria</p> <p>Sub Factor</p> <p>13. General Design Experience</p> <p>15. Similar Design Experience</p> <p>16. Similar Construction Experience</p> <p><i>Qualification of Each Member - NA</i></p>	<p>Qualification of JV / Association Participation of each member is mentioned "Not Applicable".</p> <p>Incase Lead bidder fails to execute the project due to some unforeseen circumstances, then other member of JV/ Association without having required Qualification will not be able to execute such critical project.</p> <p>Request to relook the qualification criteria for Each Member.</p>	<p>MCA-Nepal will review your suggestion and if MC-Nepal accepts it, may issue an addendum to the Bidding document.</p>
286.	<p>General-Order of precedence</p>	<p>There is a mismatch in Scope of work, Drawings, Technical Specification and other documents.</p> <p>Please clarify the Order of Precedence for Bidding documents in order to submit the sound bid.</p>	<p>The Evaluation of the submitted bid shall be as per Section III of the Bidding Document</p> <p>As the query is a general one, you are requested to seek a specific clarification so that the correct information can be provided, and the Bidder can submit a quality bid without any ambiguity.</p>

SN	Reference to the Bidding Document	Questions from Bidders	Response of Millennium Challenge Account Nepal (MCA-Nepal)
287.	<p>Project Specific Requirements (PSR)</p> <p>3.24 PRE-COMMISSIONING, COMMISSIONING, TRIAL-RUN & COMPLETION (d)</p>	<p>Bidder understand after successful completion of Pre-Commissioning Tests , Trial run and operational acceptance of equipment the warranty on equipment will start and the Project warranty period is 12 Months over all. However extended Warranty for 3 Years mentioned for Critical Component in PSR of each Lot in the bidding documents.</p> <p>Referring to MCA - Nepal Overall execution schedule the Compact is completed by Dec'28 approx. including Defect Liability Period of 12 months overall.</p> <p>Since the contractual obligation is completed between MCA Nepal and Bidder latest by Dec'28, then please clarify what will happen for the critical component after wards.</p> <p>Please note most of the supplier is not accepting the extended warranty for Third Party / Other than the parties involved in</p>	<p>The Government of Nepal will be the owner of all the infrastructure created under this project and will be responsible for securing and executing extended warranty with the Contractor.</p>

SN	Reference to the Bidding Document	Questions from Bidders	Response of Millennium Challenge Account Nepal (MCA-Nepal)
		the contract. Request you to relook the requirement of Additional warranty.	
288.	Ratmate – PSR 1.PROJECT DESCRIPTION AND SCOPE 1.1 (d)	Bidder request to clarify following points: 1) Bidder understand OPGW cable will be installed in other contractor of Transmission line package at Hetauda and Lapsiphedi Substation end. Only FO cable & Accessories shall be considered for integration in the existing communication system from Substation Tower/ Gantry to the existing Communication Panels. 2) Please provide the Substation / Trench layout of each substation for estimating the length of FO cable. 3) Please confirm the existing make of Communication / FOTE system in Hetauda & Lapsiphedi respectively. 4) As per our understanding presently there is no GIS bays is available at both sites at Lapsiphedi and Hetauda Substation in order to integrate the Transmission line between Ratmate substation.	1. Confirmed. 2. Design of trench layout of each substation is in the current scope of work. 3. MCA-Nepal will try to coordinate with the Project Team of Hetauda and Lapsiphedi Substation and will share the pertaining information, if available. However, Bidders are advised to do their own assessment on this. 4. Both the 400kV substations at New Hetauda and Lapsiphedi are being constructed by NEA. 400kV New Hetauda is under advance stages of execution while no construction works have started at the Lapsiphedi Substation.

SN	Reference to the Bidding Document	Questions from Bidders	Response of Millennium Challenge Account Nepal (MCA-Nepal)
289.	Communication System - Lot 1, 2 and 3	<p>Bidder request for acceptance of "MPLS-TP" instead of hybrid (SDH+MPLS-TP) at Substations project.</p> <p>Advantages of MPLS-TP are as per below;</p> <ol style="list-style-type: none"> 1. High Bandwidth 2. Long-Term Spare support 3. SDH / Hybrid technology is nearing its End of Life and Support phase, hence specified system is also not recommended. <p>M/s NEA, Nepal is also started the acceptance of "MPLS-TP" in recent Pokhara-Bharatpur project and having MPLS-TP specification.</p>	To be coordinated by the Engineer at the Contract's design stage to ensure compatibility with NEA network equipment.
290.	<p>Ratmate / Damauli</p> <p>Price Schedule</p> <p><i>167 MVA, (400/√3/220/√3/33) kV, Single Phase Auto-Transformer with OLTC, RTCC Facility, Surge protection arrangement (AIS) for HV, IV and LV side and with Bushing CT complete with all accessories as specified</i></p>	Surge protection arrangement (AIS) for HV, IV and LV side for Power Transformer. Please clarify	That would mean use of Lightning Arresters of suitable ratings for HV, IV and LV side of the transformers, their mounting arrangement to the main tank, connection of earthed terminals to earth electrodes/ earth mats etc. as required.
291.	<p>For Lot 1 2, and 3-TS</p> <p>CHAPTER 17: CONSTRUCTION SPECIFICATION</p>	In technical specification the maximum size of each grid of earthing mat shall not exceed 4X4 meters.	The provided documents are for reference purpose only.

SN	Reference to the Bidding Document	Questions from Bidders	Response of Millennium Challenge Account Nepal (MCA-Nepal)
	<p>1. EARTHING SYSTEM</p> <p>1.2 INSTALLATION FEATURES (h)</p>	<p>In the Tender Drawings Earthing mat grid mentioned 10 x 10 meters.</p> <p>Bidder request to clarify the maximum size of each grid of earthing mat.</p>	<p>The Contractor is responsible for designing the earthing grid according to the standard IEEE-80, and to meet the required step and touch voltages and grid potential rise. The design and the associated calculations will be subject to approval by the Engineer.</p>
292.	<p>For Lot 1 2, and 3</p> <p>Section V – B1 (Project Specific Requirements)</p> <p>3.24 PRE-COMMISSIONING, COMMISSIONING, TRIAL-RUN & COMPLETION</p>	<p>As per the condition of contract, the Defect Notification Period is 365 days following the issuance of TOC. However, in PSR the warranty period starts from operational acceptance for a period of 3 years for the following equipment:</p> <p>400 & 220kV GIS, Auto-Transformer, Transformer Condition Monitor, Control & Relay Panel, SAS, Tele-Communication & Air-Conditioning.</p> <p>The bidder request to clarify the understanding with regard to this difference of duration in warranty period, since as per condition of contract the DNP is only 365 days.</p>	<p>The warranty period of 400 & 220kV GIS, Auto-Transformer, Transformer Condition Monitor, Control & Relay Panel, SAS, Tele-Communication & Air-Conditioning is 3 years after the date of operational acceptance as a part of extended warranty.</p>
293.	<p>RATMATE 400/220/132/33kV SUBSTATION</p> <p>System Drawings</p>	<p>The complete drawing is not clear as some of the parts in continuity are missing.</p> <p>The bidder requests to share the revised drawing.</p>	<p>MCA-Nepal has already submitted the available information to the Bidders; These documents are for reference purpose only.</p>

SN	Reference to the Bidding Document	Questions from Bidders	Response of Millennium Challenge Account Nepal (MCA-Nepal)
	<i>SWITCHING SINGLE LINE DIAGRAM RTE-101-1</i>		
294.	<p>For Lot 1 2, and 3</p> <p>Price Schedule</p> <p>Price Schedule - Spare List &</p> <p>PART 2: B1-2 - Technical Specifications</p>	<p>The requirement of Spare Part List mentioned in the price schedule (for items such as Surge arresters, current transformers etc.) is different from spares list mentioned in the equipment specific technical specifications.</p> <p>The bidder requests to confirm which list of spares is to be considered in final offer.</p>	<p>MCA-Nepal may issue an addendum for the spare parts list as per the technical specifications after approval from the authority.</p>
295.	<p>General-Contour map</p>	<p>Bidder requests M/s MCA to furnish the contour survey report with readings at 5m grid intervals. The quantity of cutting and filling shared in tender documents shall be considered for costing. Kindly confirm.</p>	<p>MCA-Nepal has already submitted the available information to the Bidders; These documents are for reference purpose only and Bidder has to do its own assessment of cutting and filling etc.</p>
296.	<p>General-Temporary Benchmark</p>	<p>Bidder requests M/s MCA to provide the TBM coordinates and elevation details for each site which is considered for the survey report in the tender documents. Kindly confirm and provide the same.</p>	<p>MCA-Nepal has already submitted the available information to the Bidders; Moreover, the activities related to the detailed survey works are under the current scope of works.</p>
297.	<p>General-Boreholes</p>	<p>Based on the Geotech Report in the tender document, Bidder requests M/s MCA to furnish which boreholes to be considered for substation area.</p>	<p>MCA-Nepal has already submitted the available information to the Bidders; Moreover, the activities related to geotechnical investigations are under the current scope of works.</p>

SN	Reference to the Bidding Document	Questions from Bidders	Response of Millennium Challenge Account Nepal (MCA-Nepal)
298.	General-Geo Technical Data	We understand that Geo Technical data furnished with Tender document, is firm and binding in nature and can be considered for design purpose. Any change in the same will be mutually discussed and time and price escalation shall be dealt separately. Also the item in price schedule for the same can be removed. Please confirm.	Your understanding in this regard is incorrect. These documents are for reference purpose only and are subject to change based on the activities performed by the Contractor during detailed engineering.
299.	General-Drain outfall point	Bidder understands that a drainage outfall point shall be provided by Owner upto which the Bidder shall consider the drainage. Kindly provide the distance of the outfall point from the substation fencing.	It is the responsibility of the successful bidder to get approval for the outfall point, from the Engineer prior to the construction Bidders are requested to refer Site Drainage under Chapter-9: Civil Works Specifications, Section 1: General Civil Works Specifications.
300.	General-False Ceiling	Bidder requests M/s MCA to confirm the False Ceiling technical specifications.	The design of the false ceiling should be the responsibility of the contractor, subject to the approval by the Engineer. The only requirement is that the ceiling material should not be flammable.
301.	General-False Flooring	There is no mention of False flooring in the scope of works. Bidder requests M/s MCA to confirm the False Flooring scope and share the technical specifications if any.	False flooring is not required.
302.	General-Building Height	The Bidder understands that they are free to design the roof heights of GIS and Control Room Building sections. Kindly confirm.	Bidders may propose the height of the GIS and Control Room Building Sections to complete the job in accordance with tender document requirements in

SN	Reference to the Bidding Document	Questions from Bidders	Response of Millennium Challenge Account Nepal (MCA-Nepal)
			every aspect. Engineer shall review and approve the design if it is found suitable.
303.	<p>Building Type</p> <p>Part 2: Employer's Requirements</p> <p>Section V – B1 (Technical Specifications)</p> <p>SECTION 2: BUILDINGS SPECIFICATION</p> <p>"The buildings shall be of RCC framed structure"</p>	<p>The Bidder understands that all building type shall be RCC as per tender document. However, the Bidder also wants to propose PEB type building for 400 kV and 220 kV GIS for the below reasons.</p> <p>A) Overall time saving</p> <p>B) Factory made structures and ease of erection.</p> <p>C) Better EHS control.</p> <p>D) Better past experience as we have already implemented in our ongoing GIS projects in Nepal.</p> <p>Kindly confirm if Bidder is free to design PEB type GIS building also in addition to RCC type.</p>	The GIS building should be RCC type as per the tender documents. The provision cannot be changed.
304.	<p>Building Architecture</p> <p>Part 2: Employer's Requirements</p> <p>Section V – B1 (Technical Specifications)</p> <p>SECTION 2: BUILDINGS SPECIFICATION</p>	<p>The Bidder understands that they shall not consider any architectural finishes like Nepali architecture, glazing, cladding, curtain wall etc. for the proposed buildings. Kindly confirm.</p>	Confirmed.

SN	Reference to the Bidding Document	Questions from Bidders	Response of Millennium Challenge Account Nepal (MCA-Nepal)
305.	General-New Butwal SPR Building	As per Site Visit Bidder understands that there is requirement of 1 No SPR building in New Butwal 220 kV Bay. Kindly confirm in which item of price schedule this shall be paid or amend the Price Schedule.	MCA-Nepal will review the Bidding Document and may issue an addendum, if required after approval from the authority.
306.	General-New Butwal Temporary Fencing	As per site visit Bidder understands that the existing charged 220 kV area shall be separated from the new construction using temporary fencing. Bidder requests Owner to provide the specific requirements like 1) What type of barricading required and how many sides? 2) Height of Barricading 3) In what price schedule item this will be paid.	For all the points requested (point 1 to 3), any activities required to maintain a safe working environment is deemed included in the price schedule. These activities are a part of environmental compliances as stated in the ESHSMP. Bidders are advised to thoroughly acquaint with the requirement of ESHSMP annexed to Part 2: Employer's Requirements, Section V – B0 (Project General Description) for proper estimation of bid.
307.	General-New Butwal Existing Gravel Removal	As per Site Visit Bidder understands that there is requirement of removal of existing gravel and PCC in New Butwal 220 kV Bay. Kindly confirm in which item of price schedule this shall be paid or amend the Price Schedule.	Any activities required for site clearance should be included in item 4.2.1 Site Clearing, Including Removal of Trees and Stumps under Price Schedule 4.
308.	General-New Butwal Existing Drawings	Bidder requests M/s MCA to share the drawings of existing structure and foundation in Butwal for references in estimation and costing	MCA-Nepal will request the concerned Project Office for the requested documents. In case of availability, MCA-Nepal will share the requested documents separately.

SN	Reference to the Bidding Document	Questions from Bidders	Response of Millennium Challenge Account Nepal (MCA-Nepal)
309.	<p>Part 2: Employer's Requirements</p> <p>Section V – B1 (Project Specific Requirement)</p> <p>3.17.2.14 SPECIFIC CIVIL WORKS IN THE SUBSTATION</p> <p><i>New Butwal</i></p> <p><i>Flood protection works and river protection works</i></p>	<p>There is no item in price schedule for "Flood protection works, and river protection works". Bidder requests Owner to confirm in which price schedule item this will be paid.</p>	<p>Any activities required for site development & protection is deem included in the price quotation. These activities are a part of environmental compliances as stated in the ESHSMP.</p>
310.	<p>General-Construction Material Border Crossing</p>	<p>As a past experience of working in Nepal; Bidder has faced issues in exporting Construction material like gun powder, metallic hardener etc. Bidder requests Owner to provide alternate material approval if such a situation is faced by Bidder during execution. Kindly confirm.</p>	<p>MCA-Nepal will facilitate for the process of custom clearance of any construction material and equipment required. Please refer the Custom Clearance Process annexed in B01 General Project Description.</p>
311.	<p>Section III: Qualification and Evaluation Criteria</p> <p>Subcontractors / Manufacturers</p> <p>Item 10. Civil Subcontractor</p>	<p>Bidder is ISO 9001 certified Transmission Solution and Service provider and meeting Qualification criteria of Civil Subcontractor as stipulated in Section III: Qualification and Evaluation Criteria 10. Civil Subcontractor.</p> <p>Bidder has already executed many EHV GIS / AIS Substations including other technology i.e. HVDC/FACTS on Design</p>	<p>Please refer Addendum #2 through which Subcontractors / Manufacturers 10. Civil Subcontractor qualification criteria requirement is removed.</p>

SN	Reference to the Bidding Document	Questions from Bidders	Response of Millennium Challenge Account Nepal (MCA-Nepal)
		<p>Built (Turnkey) basis including Civil Works for more than 10 years.</p> <p>We understand based on above criteria, the Bidder qualifies the QR of Civil Subcontractor.</p> <p>Bidder will deploy competent subcontractor/ Local labours for supporting the completion of civil works and other services. Necessary design, Project Management, Site management, Quality, EHS etc. will be bidders' responsibility for fulfilling the contract obligations.</p>	
312.	<p>Chapter 9: Civil Works Specification Section 3: Concrete Specification Page 4 The foundations of the transformer and circuit breaker.</p>	<p>"The foundations of the transformer and circuit breaker shall be of lock type foundation."</p> <p>The bidder understands that the foundations of the transformer and circuit breaker shall be of block type foundation.</p> <p>Kindly confirm.</p>	Confirmed.
313.	<p>Chapter 9: Civil Works Specification Section 1 : General Civil works Specification</p>	<p>Bidder understands that no edge angle is required for cable trench precast covers. Kindly confirm.</p>	<p>Bidders are requested to refer Clause 15.MISCELLANEOUS GENERAL REQUIREMENTS under Chapter 9: Civil Works Specification for clarifications.</p>

SN	Reference to the Bidding Document	Questions from Bidders	Response of Millennium Challenge Account Nepal (MCA-Nepal)
	<p>11.CABLE TRENCHES AND CABLE TRENCH CROSSINGS</p> <p>External Cable Trench Precast Covers.</p>		
314.	<p>Chapter 9: Civil Works Specification</p> <p>Section 1 : General Civil works Specification</p> <p>11.CABLE TRENCHES AND CABLE TRENCH CROSSINGS</p> <p>Internal Cable Trench Covers.</p>	<p>There is conflict in specifications of internal cable trench covers. Different specifications are given as</p> <p>a) Aluminum slotted covers</p> <p>b) Hot Dip Galvanized Chequer Plates</p> <p>Kindly confirm which is to be followed and what shall be the thickness required.</p>	<p>The requirement of cable trench cover is different for GIS hall and switchyard as per the technical specifications. Bidders are requested to follow the technical specifications.</p>
315.	<p>Price Schedule No. 4.2: Breakdown of Earthworks</p> <p>Item No 4.2.2 Top Soil Stripping</p>	<p>Kindly provide the a) depth of removal of top soil and the b) area to be considered shall include future scope or only base scope. Kindly confirm.</p> <p>Also confirm the distance of disposal point from substation yard</p>	<p>Top soil is only the “vegetation” on the surface that needs to be stripped on the entire surface of the switchyard. The surplus soil shall be disposed away following the guidelines under ESHSMP annexed with this bid document.</p>
316.	<p>Price Schedule No. 4.2: Breakdown of Earthworks</p> <p>Item No 4.2.5 Uncompact Back Fill</p> <p>Item No 4.2.6 Surplus Disposal</p>	<p>Bidder requests Owner to provide the difference in scope of the below items mentioned in the Price Schedule:</p> <p>a) Uncompact Backfill</p> <p>b) Surplus Disposal.</p>	<p>a) Uncompact Backfill will be done for minor places inside the substation.</p> <p>b) The surplus earth generated from foundation work shall be disposed away from levelling area boundary at low-lying areas within 2km lead, that shall be proposed by the Contractor and approved by the Engineer and Employer once appropriate environmental and social investigations have been completed.</p>

SN	Reference to the Bidding Document	Questions from Bidders	Response of Millennium Challenge Account Nepal (MCA-Nepal)
317.	<p>Price Schedule No. 4.2: Breakdown of Earthworks</p> <p>Item No 4.2.3 General Excavation</p>	<p>Bidder request MCA to clarify whether the "Item No 4.2.3 General Excavation" covers the excavation of items in price schedule no 4.3 like foundations of gantry, equipment, building etc.</p>	<p>Confirmed</p>
318.	<p>Price Schedule No. 4.3: Breakdown of Civil works</p> <p>Item No 4.3.2.1 Improvements of existing earthen access road to asphalted road up to substation.</p> <p><i>Ratmate Access Road Strengthening</i></p>	<p>As per tender documents, we are considering 6 m wide and 700 m long for strengthening of access road in Ratmate. Kindly confirm.</p>	<p>Bidders are advised to refer to Clause 5 Site Accessibility under Section V-B0 (Project General Description). Additionally, the Bidders are advised to do their own analysis to find the details and conditions of the access road to prepare a suitable proposal.</p>
319.	<p>Price Schedule No. 4.3: Breakdown of Civil works</p> <p>Item No 4.3.2.1 Improvements of existing earthen access road to asphalted road up to substation.</p> <p><i>Access Road upto site</i></p>	<p>As per site visit there is no access road connectivity from existing access road upto proposed substation site and the same is not present in the Price Schedule. Kindly confirm the item in which payment shall be made.</p>	<p>The Approach roads</p> <p>i) Upgrade of about 0.7km of the existing gravel road to asphalted road is provided in Site Accessibility table of GPD under access improvement cell and same is provided in the price schedule of item no. 4.3.2.1.</p> <p>ii) Construction of new approach road which is continuation of the main approach road (existing road) up to substation needs to be included in the price schedule of item no. 4.3.2.2</p>
320.	<p>Part 2: Employer's Requirements</p> <p>Section V – B0 (Project General Description)</p> <p>11.3 Resettlement and Access to Site</p>	<p>"The Employer has acquired nearly 99% of its land requirement for the construction of Substation at Ratmate". Bidder requires the boundary coordinates of the total land acquired by MCA for the total package."</p>	<p>MCA-Nepal will share the KMZ file of the proposed S/S footprint. MCA-Nepal may issue an addendum accordingly after approval from the authority.</p>

SN	Reference to the Bidding Document	Questions from Bidders	Response of Millennium Challenge Account Nepal (MCA-Nepal)
	<i>Ratmate Boundary Coordinates- Overall Area</i>		
321.	General-Ratmate Boundary Coordinates- Substation Area	Bidder requires the boundary coordinates of the 400 kV GIS Substation area in which the Bidder shall be constructing the Substation.	Please refer to response to clarification for S.N. 320.
322.	General-Ratmate Land Development	Bidder understands that the scope of any work related to land development shall be within the boundary of the substation area and not for the complete area acquired by the Owner.	Yes, your understanding is right. Land development shall be within the boundary of the substation area and not for the complete area acquired by the Owner.
323.	Part 2: Employer's Requirements Section V – B1 (Project Specific Requirements) 3.1.2 220 KV NEW DAMAULI SUBSTATION <i>"Overall Earthing and Land Development work for the entire substation area covering 400 kV and 220 kV side shall be included in the present scope of work."</i>	As per the site visit Bidder understands that the land development work for 400 kV Side shall be in the present scope of work however the tender documents states that both 220 kV and 400 kV area to be developed. Moreover, 220 kV area land development is already a part of another tender. Kindly clarify the scope.	Land development work is required for the 400kV Side only. MCA-Nepal may issue necessary addendum in this regard after approval from the authority.
324.	General-Prebid Soil Investigation and Topographic Survey	Bidder seeks permission from Owner for conducting the Soil Investigation and Topographic Survey. As the substation area are sensitive with respect to local habitats,	Confirmed.

SN	Reference to the Bidding Document	Questions from Bidders	Response of Millennium Challenge Account Nepal (MCA-Nepal)
		any local issues or hinderances arising shall be controlled/mitigated, by Owner. Kindly confirm.	
325.	<p>Price Schedule No. 4.2: Breakdown of Earthworks</p> <p>Item No 4.2.7 Crushed Insulation Top Gravel</p> <p>and</p> <p>Price Schedule No. 4.3: Breakdown of Civil Works</p> <p>Item No 4.3.2.5 Anti-weed treatment & stone spreading</p>	The Bidder understands that these 2 items are similar in nature and shall be considered as same. Kindly clarify the scope difference in these two items so that costing can be done accordingly.	<p>Details are presented in Clause 5 of <i>Chapter 9: Civil Works Specifications under Employer's Requirement. The costing of the same shall be included in Item No 4.3.2.5 Anti-weed treatment & stone spreading.</i></p> <p>MCA-Nepal may issue an addendum to remove Item No. 4.2.7. Crushed Insulation Top Gravel after approval from the authority.</p>
326.	<p>Price Schedule No. 4.3: Breakdown of Civil Works</p> <p>Item No 4.3.2.4 Construction of reinforced concrete trenches/duct banks</p> <p>and</p> <p>Price Schedule No. 4.3: Breakdown of Civil Works</p> <p>Item No 4.3.2.8 Cable Trenches</p>	The Bidder understands that these 2 items are similar in nature and shall be considered as same. Kindly clarify the scope difference in these two items so that costing can be done accordingly.	<p>The costing of all the required cable trenches as per the employer's requirement shall be included in <i>Item No 4.3.2.4: Construction of reinforced concrete trenches/duct banks with manholes for all types of HV/MV power and control cables between switchgear building, substation control building and Autotransformer and all substation equipment as specified in Scope and Employers Requirements.</i></p> <p>MCA-Nepal may issue an addendum to remove Item No 4.3.2.8 Cable Trenches after approval from the authority.</p>

SN	Reference to the Bidding Document	Questions from Bidders	Response of Millennium Challenge Account Nepal (MCA-Nepal)
327.	<p>Part 2: Employer's Requirements</p> <p>Section V – B1 (Project Specific Requirements)</p> <p>2. SCOPE <i>Base Scope vs Option Scope- Building Size.</i></p> <p><i>"Irrespective of the Base Scope or Option Scope (or part of it) to be selected by the Employer, the scope of work shall include construction of the entire GIS buildings, control buildings, station services, and site preparation and grading for the full scope of work, as shown on the single line and layout drawings."</i></p>	<p>The Bidder understands that the civil works for GIS buildings and control buildings shall be done as per full scope of works i.e. the size of the buildings to be constructed shall be as per full scope of works even if we quote for base scope only. Kindly confirm.</p>	Confirmed
328.	<p>Part 2: Employer's Requirements</p> <p>Section V – B1 (Project Specific Requirements)</p> <p>2. SCOPE <i>Base Scope vs Option Scope- Site Preparation Works</i></p> <p><i>"Irrespective of the Base Scope or Option Scope (or part of it) to be selected by the Employer, the scope of work shall include construction of the entire GIS buildings, control buildings, station services, and site preparation and grading for the full scope</i></p>	<p>The Bidder understands that the civil works for site preparation and grading shall be done as per full scope of works even if we quote for base scope only. Kindly confirm.</p>	Confirmed.

SN	Reference to the Bidding Document	Questions from Bidders	Response of Millennium Challenge Account Nepal (MCA-Nepal)
	<i>of work, as shown on the single line and layout drawings."</i>		
329.	Price Schedule No. 4.3: Breakdown of Earthworks Item No 4.3.2.11 Portable Water System	Bidder requests owner to provide the details of Water Treatment Plant, Pumping Facilities, Storage Tank and all Required Facilities. Also provide the volume of water to be considered for storage tank.	Design and Construction of the Water Treatment Plant, Pumping Facilities, Storage Tank and all Required Facilities including the volume of water to be considered for storage tank is in the present scope of works. The same shall be finalized during the detailed engineering subject to approval of the Engineer. MCA-Nepal may issue an addendum, if required after approval from the authority.
330.	Part 2: Employer's Requirements Section V – B0 (Project General Description) 10.2.10 Potable Water; 10.2.11 Industrial Water	The source shall be agreed with the Employer, which will facilitate in identifying the source (if deemed necessary) and negotiating and settling any necessary easements in line with the Resettlement Action Plan. Bidder requests owner to provide the source of potable water and the distance from site. (For all sites)	The Bidder is suggested to plan adequately for the requirement of potable water and industrial water at site. The arrangement should be planned as per the provisions of the ESHSMP.
331.	Price Schedule No. 4.3: Breakdown of Earthworks Item No 4.3.2.12 Firefighting Pump House and Water Tank	Bidder requests owner to provide the details/drawings of FFPH and Water Tank. Also provide the volume of water to be considered for water tank.	Design and Construction of the Firefighting Pump House and Water Tank and all Required Facilities including the volume of water to be considered for water tank is in the present scope of works. The same shall be finalized during the detailed engineering subject to approval of the Engineer.

SN	Reference to the Bidding Document	Questions from Bidders	Response of Millennium Challenge Account Nepal (MCA-Nepal)
			MCA-Nepal may issue an addendum, if required after approval from the authority.
332.	General-Custom Duties	<p>Bidder intends to source the Steel Structure including Foundation bolts, Reinforcement Steel and other Steel structure e.g. (MS Steel, Cable trays, Sheeting, PEB Structure, Chequered Plate, Rail etc.) from India.</p> <p>Kindly confirm that the custom duty as applicable for above mentioned steel materials will be reimbursed by MCA - Nepal.</p>	For Tax exemption please refer Section 2.8 of the Compact read along with Schedule VII. For the purpose of custom duty exemption, the tax exemption letter as per MCC Compact provisions shall be provided to the winning bidder/future contractor, if the required documents as per MCA-Nepal custom clearance process attached under Section V (Employer's Requirement) shall be submitted before arrival to Nepal border of the Plant and Mandatory Spare Parts Supplied from abroad.
333.	General-Custom Duties	<p>Bidder intends to source Cement from India.</p> <p>Please confirm the custom duty as applicable for above mentioned items will be reimbursed by MCA - Nepal</p>	For Tax exemption please refer Section 2.8 of the Compact read along with Schedule VII. For the purpose of custom duty exemption, the tax exemption letter as per MCC Compact provisions shall be provided to the winning bidder/future contractor, if the required documents as per MCA-Nepal custom clearance process attached under Section V (Employer's Requirement) shall be submitted before arrival to Nepal border of the Plant and Mandatory Spare Parts Supplied from abroad.
334.	General-Make List	Request M/s MCA to share make list/approved sources for all civil items like- cement, Reinforcement and structural steel and all finishing items.	Contractor needs to take source approval from the Engineer during implementation.

SN	Reference to the Bidding Document	Questions from Bidders	Response of Millennium Challenge Account Nepal (MCA-Nepal)
335.	General-Site office/labor colony/store	Please confirm us that necessary land for site office/store/labor colony/batching plant will be provided to us by MCA within the area under present scope.	The Bidder is suggested to plan adequately for site office/store/labor colony/batching etc. during the course of execution at the site. Bidders are advised to refer Clause 10.2 Temporary Site Installation under Section V – B0 (Project General Description) for further clarifications.
336.	General-Hinderance Register	Hinderance register shall be maintained by us at site which shall include the delays due to local land issues, Land slides, Heavy Rains, Work Stopages, Force Majures, Natural Calamities etc. and extension/compensation shall be provided to us for the same. Please confirm.	As per the bidding document provisions.
337.	General-Point of disposal	Bidder Request M/s MCA to confirm the distance and location of disposal point for excavated earth and dismantled debris.	MCA-Nepal advises bidders to do their own assessments on this.
338.	General-Use of Manufacture Sand	Kindly confirm, Manufacture sand can be used as an option to river sand for all the civil works.	Confirmed and shall be subject to the approval of the Engineer during the construction phase.
339.	General-ESHMMP	The Bidder understands that since the land acquisition for the complete project is in M/s MCA scope so any social impact, compensation of any kind, settlement with habitats etc. shall not be in Bidders scope. The ESHMMP clause shall be in Bidders scope only for the execution period within	Confirmed.

SN	Reference to the Bidding Document	Questions from Bidders	Response of Millennium Challenge Account Nepal (MCA-Nepal)
		the scope of works and land acquired by MCA.	
340.	General-Tree, Vegetation and Land Clearance	The Bidder understands that all permissions for tree and vegetation clearance shall be in scope of M/s MCA shall provide ready to construct land to start the construction activities.	MCA-Nepal will do necessary coordination with all the local bodies for tree and vegetation clearance, but the Contractor will have to clear those.
341.	General-Construction material field testing	Request M/s MCA to provide the detail of approved test labs.	MCA-Nepal does not have already approved test labs. Successful bidder will submit the proposal of the tests lab for approval to the Engineer during execution of the contract.
342.	Cl. 1.1 b 220913_Lot1_RAT_TS, 220913_Lot2_NBW_TS, 220913_Lot3_NDM_TS CHAPTER 3: AUTO-TRANSFORMER SPECIFICATION <i>The autotransformers furnished under these specifications shall be in accordance with all the requirements of IEC 60076, all parts.</i>	Transformer shall be in accordance with requirements of IEC 60076 all parts. This is for your information.	Noted.

SN	Reference to the Bidding Document	Questions from Bidders	Response of Millennium Challenge Account Nepal (MCA-Nepal)
343.	<p>Cl. 1.1 c</p> <p>220913_Lot1_RAT_TS, 220913_Lot2_NBW_TS, 220913_Lot3_NDM_TS</p> <p>CHAPTER 3: AUTO-TRANSFORMER SPECIFICATION</p>	<p>Please note that the Offered Transformer shall be suitable for parallel operation with similar transformers having same parameters to meet parallel operation criteria.</p> <p>Please confirm your acceptance.</p>	Confirmed.
344.	<p>Cl. 2.3.1</p> <p>220913_Lot1_RAT_TS, 220913_Lot2_NBW_TS, 220913_Lot3_NDM_TS</p> <p>CHAPTER 3: AUTO-TRANSFORMER SPECIFICATION</p> <p><i>LOSS CAPITALIZATION</i></p>	<p>We understand losses shall be offered as per capitalization rates given in this clause. If a transformer to be designed with any fixed maximum losses, please define.</p>	<p>The Contractor shall guarantee that the autotransformers comply with the performance stated in the Technical Data Sheets. Tolerances shall not exceed the values specified in IEC 60076 or those listed in the Technical Data Sheets. The autotransformer losses will be capitalized at rates given in the bid documents for evaluation purposes.</p>
345.	<p>Cl. 3.1 a. iv</p> <p>220913_Lot1_RAT_TS, 220913_Lot2_NBW_TS, 220913_Lot3_NDM_TS</p> <p>CHAPTER 3: AUTO-TRANSFORMER SPECIFICATION</p>	<p>We propose to offer this transformer with conventional type of tank with bolted top cover due to the following reasons:</p> <p>a) Any inspection at site can be easily carried out by removing top cover and inspection covers.</p> <p>b) If we supply with bell tank design, the gasket joint which is at tank bottom side will continuously see excessive oil pressure head and there will be more chances of oil leakage. Due to this reason many customers</p>	<p>The provision in the current bidding document will not change on this respect.</p>

SN	Reference to the Bidding Document	Questions from Bidders	Response of Millennium Challenge Account Nepal (MCA-Nepal)
		<p>prefer conventional tanks even for higher ratings.</p> <p>c) We have supplied upto 500MVA 400kV with conventional tank with bolted top cover to various utilities in India.</p> <p>In view of the above we request you to kindly accept the tank with conventional, bolted top cover construction.</p>	
346.	<p>Cl. 3.3 f</p> <p>220913_Lot1_RAT_TS, 220913_Lot2_NBW_TS, 220913_Lot3_NDM_TS</p> <p>CHAPTER 3: AUTO-TRANSFORMER SPECIFICATION</p>	<p>Winding resistance variance between phases depends on various factor like tolerance on conductor dimension affecting area, tolerance on proof stress effecting conductivity, and cable length for vector connection and surface contact at lug/various connections. So, variation of 1% is not possible. It will be as per measurement at actuals without affecting principal guaranteed parameters like losses.</p> <p>Please clarify</p>	<p>The provision will not change. The winding resistance shall not vary from phase to phase by more than 1%.</p>
347.	<p>Cl. 3.5 a xii & xiii</p> <p>220913_Lot1_RAT_TS, 220913_Lot2_NBW_TS, 220913_Lot3_NDM_TS</p>	<p>Surge arrestor and its brackets on tertiary scope. And No insulating caps provided on tertiary. Please clarify</p> <p>Please clarify requirement of tertiary compartment and confirm requirement of air filled cable box on tertiary.</p>	<p>It is confirmed that no insulating caps will be provided on tertiary.</p> <p>Tertiary compartment requirement is confirmed and cable boxes shall be air insulated. They shall be of sufficient size to accommodate cables to be connected. Cable boxes shall have suitable</p>

SN	Reference to the Bidding Document	Questions from Bidders	Response of Millennium Challenge Account Nepal (MCA-Nepal)
	CHAPTER 3: AUTO-TRANSFORMER SPECIFICATION		removable side/top cover to facilitate cable termination and inspection. Cable boxes shall be dust & vermin proof.
348.	Cl. 3.5 b 220913_Lot1_RAT_TS, 220913_Lot2_NBW_TS, 220913_Lot3_NDM_TS CHAPTER 3: AUTO-TRANSFORMER SPECIFICATION	We understand that, Bushing (HV, MV, TV, Neutral) terminations is through oil-to-air bushings. Please confirm.	Confirmed. Oil to air bushings are required.
349.	Cl. 3.7 a 220913_Lot1_RAT_TS, 220913_Lot2_NBW_TS, 220913_Lot3_NDM_TS CHAPTER 3: AUTO-TRANSFORMER SPECIFICATION	Kindly provide GIC current magnitude to confirm. Also note that, DC CT parameter required for offer preparation. Any external CT and its supports are not in our scope of supply.	Bidders should understand that this contract is not only for autotransformer supply but is a turn-key substation work, everything external to the transformer is also in the scope.
350.	Cl. 3.3 b & Cl. 3.8 ii	Both clauses are contradictory. Please confirm temperature rise requirement of avg. winding, top oil and hot-spot winding rise.	MCA-Nepal may issue an addendum to correct the ambiguity in the Bidding Document after receiving approval from the authority as follow: Winding temperature rise by resistance shall not exceed 55° C and hottest spot winding temperature rise shall not exceed 90° C for the full range of transformer operation.

SN	Reference to the Bidding Document	Questions from Bidders	Response of Millennium Challenge Account Nepal (MCA-Nepal)
	<p>220913_Lot1_RAT_TS, 220913_Lot2_NBW_TS, 220913_Lot3_NDM_TS</p> <p>CHAPTER 3: AUTO-TRANSFORMER SPECIFICATION</p>		
351.	<p>Cl. 5.1 b viii</p> <p>220913_Lot1_RAT_TS, 220913_Lot2_NBW_TS, 220913_Lot3_NDM_TS</p> <p>CHAPTER 3: AUTO-TRANSFORMER SPECIFICATION</p>	<p>Transformer manufacturing plant set up is as per latest manufacturing facilities / Europe standard and hence our core stacking table and hydraulic lifting jigs were designed similar to the ones available in Europe. We build the core as per OEM global practice and standards and our principals do not recommend to build the core with top yoke lamination as double handling of top yoke lamination may introduce stress in laminations, negatively affecting the magnetic properties of core. Similarly the accuracy of measurements will not be good as the dummy coils will not simulate actual conditions of windings. We once again confirm that actual no load losses will be as per guaranteed value which may be checked during final testing. Hence we request you to delete this requirement during inspection.</p>	<p>Requirement in the Bidding Document will not change. Bidders are requested to kindly adhere to the requirement of the Bidding Document.</p>

SN	Reference to the Bidding Document	Questions from Bidders	Response of Millennium Challenge Account Nepal (MCA-Nepal)
352.	<p>Cl. 5.2 note C. i</p> <p>220913_Lot1_RAT_TS, 220913_Lot2_NBW_TS, 220913_Lot3_NDM_TS</p> <p>CHAPTER 3: AUTO-TRANSFORMER SPECIFICATION</p>	<p>We understand that, this is requirement for 400kV and above OIP bushings only. Please confirm</p>	<p>MCA-Nepal may issue an addendum after approval from the authority with following: Bushing (Type Test as per IEC:60137 including Snap back & Seismic test for 400 kV and above voltage class bushing)</p>
353.	<p>Cl. 5.2 note C. v</p> <p>&</p> <p>Technical Data Sheet Sl.No.6</p> <p>220913_Lot1_RAT_TS, 220913_Lot2_NBW_TS, 220913_Lot3_NDM_TS</p> <p>CHAPTER 3: AUTO-TRANSFORMER SPECIFICATION</p> <p>&</p> <p>Bidding Document Technical Data Sheet</p> <p>Auto Transformer Technical Data Sheet</p>	<p>Considering following disadvantages while using oil pumps, Here Transformer Manufacturer is offering ONAN/ONAF1/ONAF2 cooling instead of ONAN/ONAF/OFAF cooling,</p> <ol style="list-style-type: none"> 1. Oil pumps often require a separate foundation for supporting pump and attached large pipe network from ground. 2. Oil pumps need continual maintenance during operation as for any rotary equipment. Since hot oil is continuously circulated through it, frequent monitoring is required for any oil leakage. 3. Oil pumps consume more auxiliary power in comparison to corresponding consumption by extra cooling fans required in the event of eliminating oil pump. 	<p>The requirement of the Bidding Document will not change.</p>

SN	Reference to the Bidding Document	Questions from Bidders	Response of Millennium Challenge Account Nepal (MCA-Nepal)
	<p>Technical Data Sheet Sl.No.6: Cooling: ONAN / ONAF / OFAF</p>	<p>4. In case of a gasket leak during service, air can be sucked through pipe joints in the suction side of pumps which gets mixed up with circulating oil and can be an entry point for moisture into transformer. Several gasket joints in pipe network result in many such moisture entry points.</p> <p>5. In case of shifting of transformer from one location to another location, pumps and its pipe network require proper handling and care.</p> <p>6. We have supplied upto 500MVA 400kV with ONAN/ONAF1/ONAF2 cooling to various utilities in India.</p> <p>Customer to kindly review and accept the same. Note that mis-operation of buchholz relay is not applicable in case of proposed ONAN/ONAF1/ONAF2 cooling.</p>	
354.	<p>Cl. 5.2 note C. viii</p> <p>220913_Lot1_RAT_TS, 220913_Lot2_NBW_TS, 220913_Lot3_NDM_TS</p> <p>CHAPTER 3: AUTO-TRANSFORMER SPECIFICATION</p>	<p>PRD operation check will be done by air separately without mounting on the Transformer.</p>	<p>Agreed. Test report to be submitted by the Contractor.</p>

SN	Reference to the Bidding Document	Questions from Bidders	Response of Millennium Challenge Account Nepal (MCA-Nepal)
355.	<p>Cl. 5.3</p> <p>220913_Lot1_RAT_TS, 220913_Lot2_NBW_TS, 220913_Lot3_NDM_TS</p> <p>CHAPTER 3: AUTO-TRANSFORMER SPECIFICATION</p>	<p>INSPECTION AND TESTING AT SITE scope need to clarify.</p>	<p>The scope is clearly mentioned in the TS. Bidders are requested to kindly go through the TS.</p>
356.	<p>Cl. 6</p> <p>220913_Lot1_RAT_TS, 220913_Lot2_NBW_TS, 220913_Lot3_NDM_TS</p> <p>CHAPTER 3: AUTO-TRANSFORMER SPECIFICATION (table 8)</p>	<p>Only spares mentioned in table 8 are considered. No other special tools & tackles are recommended and applicable hence not considered.</p> <p>And note that, item "Vacuum and oil processing equipment required for filling and maintenance" mentioned in table 8 is not in our scope of supply.</p>	<p>The Bidder shall recommend any additional spare parts or maintenance equipment normally required for the operation and maintenance of the autotransformers. Calibration certificates of all maintenance equipment shall be supplied along with the equipment.</p> <p>Ultra High Vacuum Type Mobile Oil treatment plant of capacity \geq 6000 Liter Per Hour is in the Bidders' scope of supply.</p>
357.	<p>220913_Lot1_RAT_TS, 220913_Lot2_NBW_TS, 220913_Lot3_NDM_TS</p> <p>CHAPTER 3: AUTO-TRANSFORMER SPECIFICATION</p>	<p>Transformer is in-line to technical specification Chapter 3: Autotransformer Specification. We understand that all other chapters of this specification are not applicable specific to transformers and are not in our scope of supply.</p>	<p>The bid is for SS turn-key contract, not for autotransformer supply. All other chapters, even if they are not applicable specific to the transformers, are in the bidders' scope of supply.</p>

SN	Reference to the Bidding Document	Questions from Bidders	Response of Millennium Challenge Account Nepal (MCA-Nepal)
358.	<p>Technical Data Sheet Sl.No.17.2 Bidding Document Technical Data Sheet Auto Transformer Technical Data Sheet</p> <p><i>17.2 - changer shall be located on the HV side of the series winding for achieving ± 10% using 17 (8 plus, 8 minus, nominal) steps of 1.25%. It shall be of constant flux voltage variation type as per CI.3.2 of IS:2026 Part- IV-1977</i></p>	<p>We understand that, tap changer is required for HV variation and is located at common end of series winding to achieve constant ohmic impedance requirement. Please confirm.</p>	<p>On Load Tap changer shall be provided for variation of voltage on HV side of +- 10% using 17(8 plus, 8 minus, nominal) steps of 1.25% each, provided on common end of series winding. <i>It shall be of constant flux voltage variation type as per CI.3.2 of IS:2026 Part- IV-1977</i></p>
359.	<p>3.14. DISSOLVED GAS AND MOISTURE MONITOR table 6</p> <p>&</p> <p>Technical Data Sheet Sl.No.25</p> <p>220913_Lot1_RAT_TS, 220913_Lot2_NBW_TS, 220913_Lot3_NDM_TS</p> <p>CHAPTER 3: AUTO-TRANSFORMER SPECIFICATION</p> <p>&</p> <p>Bidding Document Technical Data Sheet Auto Transformer Technical Data Sheet</p>	<p>Both clauses are contradictory. As per Technical specification 8gas + moisture online DGA is required and as per technical data sheet 4 gas GE-HYDRAN M2 or equivalent model is required. Please confirm which one to follow.</p>	<p>Kindly adhere to the requirement stated in Clause 3.14 of Chapter 3 Auto Transformer of Technical Specification (TS) volume. The ambiguity in the bidding document in the Technical Data Sheet will be corrected through issuing an Addendum to the Bidding Document, after receiving approval from authority.</p>

SN	Reference to the Bidding Document	Questions from Bidders	Response of Millennium Challenge Account Nepal (MCA-Nepal)
360.	General-Bidding Document	We understand that, in this document only technical data sheets of AUTOTRANSFORMER SPECIFICATION is applicable and no other specifications of this document are applicable to transformers and hence not considered in our scope of supply.	The understanding of the bidder is incorrect. Wherever, there is unavailability of the information, pertaining codes will be referred.
361.	221123_Lot1_RAT_PSR, 221123_Lot2_NBW_PSR, 221123_Lot3_NDM_PSR Seismic Condition <i>(PGA: peak ground acceleration) 0.50 g</i>	Please confirm seismic acceleration value. Mentioned acceleration is high. We propose to offer RIP bushing due to high seismic acceleration.	Kindly adhere to the requirements of the bid.
362.	Cl. 10 Part 2: Employer's Requirements Section V – B0 (General Technical Requirement) TYPE TESTING, INSPECTION, TESTING & INSPECTION CERTIFICATE	For Power/ Auto Transformers, please confirm if the test reports of similar or higher rating transformers are acceptable.	Please exactly follow the type test requirement as mentioned in the document.
363.	General-Short Circuit (S.C) withstand	We do not envisage any Short Circuit (S.C.) test for the transformer. Also, we do not envisage any SC similarity as per IEC 60076 Part -5. We will submit S.C withstand calculations in the event of order	Noted.

SN	Reference to the Bidding Document	Questions from Bidders	Response of Millennium Challenge Account Nepal (MCA-Nepal)
		to demonstrate S.C capability of the transformer. This is for your information	
364.	General-Radiator	We are offering radiators with 1.0mm standard thickness with paint as per OEM standard practice.	Offer is not accepted. Kindly adhere to the requirements of the bid.
365.	General-Type test	We do not envisage repetition of type test for transformer accessories. Type test report available for transformer accessories shall be submitted for reference purpose without any limitation on validity.	The requirement of Type test report for transformer accessories will be issued through issuance of an addendum to the Bidding document after receiving approval from the authority. MCA-Nepal is anticipating including the requirement in the bidding document as follows: Type test report for transformer accessories should not be more than 5 years old.
366.	General-Vendor List	All the transformer accessories shall be of Indigenous make as per OEM approved vendor list.	Transformers accessories except OLTC can be supplied as per OEM approved vendor list subject to the approval of the Engineer.
367.	General-Site Storage	Note that, Preparation of indoor & outdoor storage space at site is not in Bidder's scope. Purchaser to provide suitable indoor & outdoor space for storage of transformers and accessories.	All site storage including maintenance and security of the equipment is in the scope of the contractor till handover activities. Bidders are advised to refer relevant chapters of General Project Description for further clarifications.

SN	Reference to the Bidding Document	Questions from Bidders	Response of Millennium Challenge Account Nepal (MCA-Nepal)
368.	General-Painting	Painting procedure on tank /radiators shall be as per OEM standard practices and shall be suitable for the site condition. If you have any painting requirements, please share.	Agreed, painting procedure on tank /radiators shall be as per OEM standard practices and shall be suitable for the site conditions.
369.	Section IV: Bid Submission Forms- Appendix to Letter of Financial Offer Adjustment for 13.8 Changes in Cost Price Variation	Price adjustment formula specified for Auto/ Power Transformers has 40% is fixed component and 60% is variable. This 60% variation is covers variation of only Copper and CRGO. This won't cover manufacturer's full exposure towards commodity price variation. Other components like Mild Steel (MS), Oil, Insulation and Labour are also plays major role in transformer composition. In last two years, price of raw materials and international transportation has increased significantly and still their behavior is highly volatile. Hence, we request you to consider price variation of these commodities as well and reduce fixd component to reasonable value. Also, we recommend to follow IEEMA price variation formula for this.	The Bidding Document will not be amended on this respect.
370.	Section VII Particular Conditions of Contact	<i>Additional Clause- Completion of the Facilities</i>	The Bidding Document will not be amended on this respect.

SN	Reference to the Bidding Document	Questions from Bidders	Response of Millennium Challenge Account Nepal (MCA-Nepal)
		<p>Following Completion and Deemed Completion clause to be added to the Particular Conditions:</p> <p>(a) As soon as the Contractor achieves the Works Completion of the contract works, it shall issue to the Employer a notice (Notice of Works Completion) informing about the completion of the work.</p> <p>(b) Within 14 days following receipt of the notice of works completion, the Employer shall issue the Completion Certificate to Contractor, failure to which it shall be considered that the work has been successfully completed as on the date of the contractor's notice & Deemed Completion Certificate will be considered to have been issued.</p> <p>© Completion is also deemed to have taken place if the Works or any part thereof are put to use by the Employer.</p> <p>(d) If Commissioning is delayed due to reasons not attributable to Contractor, Contractor shall be allowed to demobilize the site after 2 months waiting and shall provide commissioning support as & when required. Consequently retention payment (if any) to be released against BG.</p>	

SN	Reference to the Bidding Document	Questions from Bidders	Response of Millennium Challenge Account Nepal (MCA-Nepal)
		The Defect Liability Period shall be deemed to have be started from the date of the such Deemed Completion Certificate.	
371.	Section VII Particular Conditions of Contract 21.Taxes and Duties	Please confirm on the following: We understand that as per Nepal Tax law, 1.5% TDS is applicable to contractors i.e. TDS will be deducted on entire onshore contract value only but not on the offshore portion, if the Bidder has VAT registration in Nepal.	Please refer Compact Section 2.8 along with Annex VII – Tax Schedules. The bidder needs to assess the application of taxes on its own depending on its status of incorporation and prior registration in Nepal.
372.	Section VII Particular Conditions of Contract 21.Taxes and Duties	Please add to the end of the paragraph as below: Custom Duty shall be issued to the Authorities within 3 days of submission of request for Duty payment by Contractor. In case of delay by Employer, the Contractor shall be entitled to time & cost reimbursement. Any detension or Demurrage due to delay in issuance of Custom Duty payment should be borne by the Employer based on the documentary evidence provided by the Contractor.	The Bidding Document will not be amended on this respect.
373.	Section VII Particular Conditions of Contract 21.Taxes and Duties	Please confirm on the following: There is a favorable Double Taxation Avoidance Agreement (DTAA) available between Government of Nepal and	This shall be governed as per the applicable treaties, laws and the Compact.

SN	Reference to the Bidding Document	Questions from Bidders	Response of Millennium Challenge Account Nepal (MCA-Nepal)
		contractor's country (India). We understand that as per the Double Taxation Avoidance Agreement (DTAA) agreement between India and Nepal, Customer should not deduct any taxes while making the payments for offshore supplies scope.	
374.	Section VII Particular Conditions of Contact 21.Taxes and Duties	Please clarify on the below pointwise related to the taxes and duties applicable for this project: i) Nepalese VAT on the offshore contract price is exempted for the project items, ii) Custom duty applicable is exempted for the items imported from abroad.	i) Compact Section 2.8 read along with Annex VII – Tax Schedules provide the conditions for tax exemption, refund or reimbursement of Taxes. ii) Compact Section 2.8 read along with Annex VII – Tax Schedules provide the conditions for tax exemption, refund or reimbursement of Taxes.
375.	Section VII Particular Conditions of Contact 21.Taxes and Duties	Please confirm, during the course of the project, any statutory variation in taxes and duties (viz.VAT,Custom duty, TDS, any other local taxes etc.) in Nepal shall be reimbursed by Employer to contractor.	Please refer to the Compact Section 2.8 (a) which states “Unless the Parties specifically agree otherwise in writing, the Government will ensure that all MCC Funding is free from the payment or imposition of any existing or future taxes, duties, levies,...” read along with Annex VII – Tax Schedules and PCC 13.7 and PCC 21.

SN	Reference to the Bidding Document	Questions from Bidders	Response of Millennium Challenge Account Nepal (MCA-Nepal)
376.	Section VII Particular Conditions of Contract 21.Taxes and Duties	<p>There is a favorable Double Taxation Avoidance Agreement (DTAA) available between Government of Nepal and contractor's country (India). We understand that as per the Double Taxation Avoidance Agreement (DTAA) agreement between India and Nepal, Customer/Employer should not deduct any taxes while making the payments for offshore supplies scope.</p> <p>Please confirm.</p>	<p>This shall be governed as per the applicable treaties, laws and the Compact.</p>
377.	Section VII Particular Conditions of Contract	<p><i>Additional Clause-Permits and Approvals</i></p> <p>We understand that Employer shall take all necessary construction licenses of site before the effective date of the contract.</p>	<p>This project does not require government license for Construction.</p>
378.	Section VII Particular Conditions of Contract	<p><i>Additional Clause-Permits and Approvals</i></p> <p>Please confirm that Right of Way is in Employer's scope.</p>	<p>Rights of Way as applicable is in the scope of the Contractor. Please refer GCC Sub-Clause 4.13.</p>
379.	Section IV: Bid Submission Forms Schedule of Payment	<p>We understand that letter of credit shall be opened at the time of contract signing for the full value of contract (including and offshore scope) by Employer. Please confirm.</p>	<p>Please refer Schedule of Payments, which states: (a) Fifty (50) percent of DDP-Works Site in Nepal Price (as per Schedule 2) for Plant and Material through irrevocable letter of credit opened in favor of Contractor's bank upon Delivery to the carrier (supported with appropriate documentations listed below)</p>

SN	Reference to the Bidding Document	Questions from Bidders	Response of Millennium Challenge Account Nepal (MCA-Nepal)
			<p>(b) Forty (40) percent of DDP-Works Site in Nepal Price (as per Schedule 2) for Plant and Material upon delivery to laydown area on Site after receipt of request for interim payment with Delivery Completion Certificate issued by the Employer showing Contract number, goods description, quantity through irrevocable letter of credit opened in favor of Contractor's bank.</p> <p>LC will not be opened at the time of Contract signing. It will be opened later after signing of the contract. The amount of LC that will be opened will be based on further discussion with the selected contractor.</p>
380.	Section VII Particular Conditions of Contract	<p><i>Additional Clause-Land Availability</i></p> <p>Please confirm whether land for project sites is acquired by the Employer for this whole project.</p>	Confirmed.
381.	Section VII Particular Conditions of Contract	<p><i>Additional Clause-Funding Details required.</i></p> <p>Please confirm:</p> <p>We understand that Employer (MCA Nepal) has signed the financial closure loan agreement with MCC, USA (Funding agency). The funding will cover both projects off shore and on shore portion payments related to all three Lots.</p>	<p>Ample information has been provided about the funding sources and mode of payment in the bidding document. For Further detail please check MCC Nepal Compact available at https://assets.mcc.gov/content/uploads/compact-nepal.pdf</p>

SN	Reference to the Bidding Document	Questions from Bidders	Response of Millennium Challenge Account Nepal (MCA-Nepal)
382.	Section VII Particular Conditions of Contact	<p><i>Additional Clause-Funding Details required.</i></p> <p>Please confirm:</p> <p>We understand that Funding for the complete project is by MCC, United States of America. And all the payment will be released by MCC, USA directly after certification of Contractor's invoices from Employer (MCA Nepal).</p>	Funding sources may be MCC or GoN or both.
383.	Section VII Particular Conditions of Contact	<p><i>Additional Clause-Permits and Approvals</i></p> <p>Statutory approvals, tree cutting, forest clearance, site clearances, access to site and right of way are in the scope of the Employer.</p> <p>Please confirm.</p>	The statutory approvals/clearances are contractor's responsibilities and MCA-Nepal may facilitate during the process as required.
384.	Section VII Particular Conditions of Contact	<p><i>Additional Clause- COVID 19</i></p> <p>Please add the following as a separate clause:</p> <p>The Parties acknowledge the worldwide outbreak of the COVID-19, which is likely to affect the execution of the Agreement. The Parties agree that Supplier shall be entitled to reasonable adjustments of the Delivery Schedule/ milestones/ delivery dates as well as to reimbursement of costs to the extent the delay and the costs are</p>	The Bidding Document will not be amended on this respect.

SN	Reference to the Bidding Document	Questions from Bidders	Response of Millennium Challenge Account Nepal (MCA-Nepal)
		caused directly or indirectly by the outbreak of COVID-19.	
385.	<p>Section VII Particular Conditions of Contract</p> <p>Sub-Clause 4.2 Performance Security</p>	In case of award of contract, can a bidder submit the Advance bank guarantee and Contract Performance Bank Guarantee from a bank located in Bidder's country.	<p>Please refer the two notes under Annex F1: Form of Performance Bank Guarantee and Annex F2: Form of Bank Guarantee for Advance Payment which states:</p> <p>Note: If the Performance Bank Guarantee is issued by a financial institution located outside the Employer's country, the Performance Bank Guarantee must be confirmed (counter bank guarantee to be issued) by a correspondent financial institution located in the Employer's country, satisfactory to the Employer, to make the Performance Bank Guarantee enforceable in the Employer's Country.</p> <p>Note: If the Bank Guarantee for Advance Payment is issued by a financial institution located outside the Employer's country, the Bank Guarantee for Advance Payment must be confirmed (counter bank guarantee to be issued) by a correspondent financial institution located in the Employer's country, satisfactory to the Employer, to make the Bank Guarantee for Advance Payment enforceable in the Employer's Country.</p>

SN	Reference to the Bidding Document	Questions from Bidders	Response of Millennium Challenge Account Nepal (MCA-Nepal)
386.	<p>Section VII Particular Conditions of Contract</p> <p>21.Taxes and Duties</p>	<p>In the event of any change in taxes or addition/deletion of statutes in the applicable Taxation laws etc.in the country of the bidder, there shall be impact on the final cost for the project.</p> <p>The Bidder requests that during the contract period, any change in taxes and duties in the country of origin to be reimbursed by the customer to the contractor for equipment and services strictly against submission of documentary evidence. Please confirm.</p> <p>Bidder requests the above confirmation.</p>	<p>Please refer to the Compact Section 2.8 (a) which states “Unless the Parties specifically agree otherwise in writing, the Government will ensure that all MCC Funding is free from the payment or imposition of any existing or future taxes, duties, levies,...” read along with Annex VII – Tax Schedules. The Bidders are also requested to read PCC 13.7 and PCC 21.</p>
387.	<p>Section VII Particular Conditions of Contract</p>	<p><i>Additional clause- Limitation of Liability</i></p> <p>Please add the following clause as a separate clause in the Particular Conditions:</p> <p>Notwithstanding anything mentioned above, Overall liability shall be limited to 100% of the Contract Value in all circumstances.</p>	<p>The Bidding Document will not be modified on this respect. The provisions of the bidding document and the Contract will prevail.</p>
388.	<p>Section II: Bid Data Sheet</p> <p>ITB 20.2- Bid Security</p>	<p>Please confirm:</p> <p>For each lot, We understand that Bid Security shall be addressed to:</p>	<p>The Beneficiary of the Bid Security shall be:</p> <p>Millennium Challenge Account Nepal 2nd & 3rd Floor, East Wing, Lal Durbar Convention Centre, Yak & Yeti Complex, Durbar Marg,</p>

SN	Reference to the Bidding Document	Questions from Bidders	Response of Millennium Challenge Account Nepal (MCA-Nepal)
		<p>Attention: Procurement Agent of Millennium Challenge Account Nepal</p> <p>Address: 2nd& 3rd Floor, East Wing, Lal Durbar Convention Centre, Yak & Yeti Complex, Durbar Marg, Kathmandu Nepal</p> <p>Email: MCANepalPA@dt-global.com</p>	<p>Kathmandu Nepal</p>
389.	<p>Section IV: Bid Submission Forms</p> <p>Price Schedule- Schedule No. 1 -Design Services, Schedule 2- Plant, Goods and Equipment (Including Mandatory Spare Parts) Supplied from Abroad, Schedule 3- Plant, Goods and Equipment (Including Mandatory Spare Parts) Supplied from Within the Employer's country, Schedule 4- Installation and Other Services including all related Civil.</p>	<p>In all the Price Schedules, only one currency is defined. Please confirm whether the Bidder can quote in Nepali Rupees for the onshore portion.</p>	<p>Please refer to BDS/ ITB 16.1 which states:</p> <p>The currency(ies) of the Bid shall be as follows: US\$ (United States Dollar)</p> <p>The currency(ies) of the payment shall be as follows: US\$ (United States Dollar) and the % in Local Currency if specified in the Letter of Financial Offer.</p> <p>It should be noted that if the Bidder request x% of US\$ to be paid in Local currency (Nepalese Rupees). Then that percentage of US\$ will be paid at prevailing exchange rate (buying) of Nepal Rastra Bank on the date of submitted Request for Interim/Final Payment Certificate/invoice, equivalent in NPR. This request of particular percentage of payment in Local currency may be done in the letter of financial offer; otherwise, all payments will be made in USD.</p>

SN	Reference to the Bidding Document	Questions from Bidders	Response of Millennium Challenge Account Nepal (MCA-Nepal)
390.	Section VII Particular Conditions of Contract	<p><i>Additional Clause- Taking Over</i></p> <p>We understand that Taking over of individual substation are acceptable to Employer. Reconciliation, closure of payment and warranty shall be considered for individual substation wise from the date of Taking over certificate by Employer.</p> <p>Please confirm.</p>	Individual Substations are in different Lots and, there will be different taking over processes for each lot/Substation.
391.	Section VII Particular Conditions of Contract 18.1 Insurance	Please confirm whether the entire Insurance has to be taken from Nepalese agency or it can be taken from Bidder's country.	The Contractor can arrange insurances from any eligible country. However, the insurances provided should be applicable in the Territory of Nepal for it to be acceptable.
392.	Section VII Particular Conditions of Contract 18.1 Insurance	Please confirm whether the Marine Insurance can be taken from Bidder's country and EAR Insurance from Employer's country.	The Contractor can arrange insurances from any eligible country. However, the insurances provided should be applicable in the Territory of Nepal for it to be acceptable.
393.	Section IV: Bid Submission Forms Price Schedule- Schedule No. 1 -Design Services, Schedule 2- Plant, Goods and Equipment (Including Mandatory Spare Parts) Supplied from Abroad.	<p>We understand that all the payments except 10% Advance payments shall be made thru Irrevocable Letter of Credit under the Schedule No.1 and 2.</p> <p>Please confirm.</p>	Please refer to the Schedule of Payments under Section IV.

SN	Reference to the Bidding Document	Questions from Bidders	Response of Millennium Challenge Account Nepal (MCA-Nepal)
394.	<p>Section VII Particular Conditions of Contract</p> <p>Sub-Clause 8.1 Commencement of Works</p>	<p>Please replace the existing clause with the mentioned:</p> <p>The Commencement Date is the date on which all the following conditions have been fulfilled:</p> <ul style="list-style-type: none"> ● The Contract Agreement has been signed ● The Contractor has submitted to the Employer the Performance Guarantee and the Advance Payment Guarantee, in line with the provisions of the Contract ● The Advance Payment to the Contractor has been made. ● The employer has established letter of credit for the full value of contract in favour of contractor. <p>The Employer handed over clear sites including necessary permits.</p>	<p>The Bidding Document will not be amended on this respect.</p>
395.	<p>Section IV: Bid Submission Forms- Appendix to Letter of Financial Offer</p> <p>14.2a</p> <p><i>Repayment of the advance payment shall start after certification of Twenty percent (20%) of the Accepted Contract Amount.</i></p>	<p>Please clarify this clause.</p>	<p>Repayment of advance will start only after certification of Twenty percent (20%) of the Accepted Contract Amount. This means that deductions to the Interim Payment Certificates to recover the advance payment amount will be done only after certification of 20% of the Accepted Contract Amount.</p>

SN	Reference to the Bidding Document	Questions from Bidders	Response of Millennium Challenge Account Nepal (MCA-Nepal)
396.	Section IV: Bid Submission Forms- Appendix to Letter of Financial Offer 14.2 Advance Payment	We understand that this 10% Advance payment is Interest free Advance. Please confirm.	Please refer to the General Conditions of Contract, Sub-Clause 14.2, which states “The Employer shall make an advance payment, as an interest-free loan for mobilization and design, when the Contractor submits a guarantee in accordance with this Sub-Clause.”.
397.	Section IV: Bid Submission Forms- Appendix to Letter of Financial Offer 14.2 Advance Payment	We understand that this 10% Advance payment shall be applicable on both Offshore and Onshore portion of project. Please confirm.	Please refer to the provision of Advance Payment which states “Total advance payment of ten percent (10%) of the Accepted Contract Amount less Provisional Sums and Daywork ”.
398.	Section IV: Bid Submission Forms- Appendix to Letter of Financial Offer 1.2 Interpretation <i>Profit shall be: 5% (five percent) percent of the Cost.</i>	Please clarify this clause.	Profit referred under Conditions of Contract is fixed at 5% (five percent) of the Cost.
399.	Section IV: Bid Submission Forms- Schedule of Payments	A) Payment period not defined in the payment terms. Request you to provide the payment period i.e. in how many days the Contractor will get the payment from Employer/ Funding agency after raising invoices. B) For Offshore Supply and Onshore Supply Payments, We understand that except 10% Advance payments, the entire 90% payments shall be paid to Contractor	A) Please refer to the General Conditions of Contract clause 14.

SN	Reference to the Bidding Document	Questions from Bidders	Response of Millennium Challenge Account Nepal (MCA-Nepal)
		<p>thru Irrevocable Letter of Credit by Employer/Funding agency. Please confirm.</p> <p>C) We understand that Advance Payment of 10% is applicable on entire Offshore Supply, Offshore Services, Onshore Supply and Onshore Services. Please confirm.</p> <p>D) For Onshore and Offshore Services, We understand that except 10% Advance payments, the entire 90% payments shall be paid to Contractor thru Irrevocable Letter of Credit by Employer/Funding agency. Please confirm.</p> <p>E) Please provide the payment period from which the Employer/Funding agency will be making the payment to Contractor after raising invoicing/delivering material.</p> <p>G) We understand that the Letter of Credit shall be opened for the complete value of contract at the Contract Signature stage itself. Please confirm.</p>	<p>B) Your understanding is not correct. Please check Schedule of Payments.</p> <p>C) Please refer to the provision of Advance Payment which states “Total advance payment of ten percent (10%) of the Accepted Contract Amount less Provisional Sums and Daywork”.</p> <p>D) Your understanding is not correct. Please check Schedule of Payments</p> <p>E) Please refer to the General Conditions of Contract clause 14.</p> <p>G) Your understanding is not correct. Please check Schedule of Payments</p>

SN	Reference to the Bidding Document	Questions from Bidders	Response of Millennium Challenge Account Nepal (MCA-Nepal)
400.	<p>Section IV: Bid Submission Forms-Schedule of Payments-Terms of Payment</p>	<p>Please delete the following clause from the payment terms:</p> <p>....Note:</p> <p>1. The Bidder shall include all cost in their quoted Lump-Sum Price to carry out the works and services as per Employers Requirement and Conditions of Contract. No additional amount apart from what is stated under Sub-Clause 13.8 (Adjustment for Change in Cost) of Conditions of Contract shall be paid to the Contractor.</p> <p>.....</p> <p>5. Please note that Ten (10) percent of the measured value of installation, startup, testing and commissioning a service performed by the Contractor shall be retained from each payment certificate and half of the retention money shall be released upon issue of the Taking Over Certificate and rest half shall be released after expiration of Defects Notification Period, as per GCC 14.9.</p> <p>6.</p>	<p>The Conditions of Contract will not be amended on this respect.</p>

SN	Reference to the Bidding Document	Questions from Bidders	Response of Millennium Challenge Account Nepal (MCA-Nepal)
401.	Section VII Particular Conditions of Contract Sub-Clause 17.6 Limitation of Liability	<p>Please replace the existing clause with the following:</p> <p>Contractor shall in no event be liable, whether pursuant to any indemnity or in contract, tort (including negligence and statutory duty) or otherwise for loss of profit or revenue, loss of production, interruption of operations or loss of use, cost of capital, loss of interest, loss of information and/or data, for claims arising from Customer's contracts with third parties, loss of power, cost of purchased or replacement power, or for any indirect or consequential damage.</p>	The Conditions of Contract will not be amended on this respect.
402.	Section VI-General Conditions of Contract-FIDIC terms GCC 1.10	<p>We understand that only the non-IPR related drawings and documents/ as-built drawings and documents need to be provided under this clause.</p> <p>Please confirm.</p>	Your understanding is not correct. The clause does not state as such, however states: "As between the Parties, the Contractor shall retain the copyright and other intellectual property rights in the Contractor's Documents and other design documents made by (or on behalf of) the Contractor.".
403.	Section VI-General Conditions of Contract-FIDIC terms GCC 11.4	<p>Please modify the existing clause as mentioned below:</p> <p>GCC 11.4 Failure to Remedy Defects</p> <p>If the Contractor fails to remedy any defect or damage within a reasonable time, a date may be fixed by (or on behalf of) the Employer, on or by which the defect or</p>	The Conditions of Contract will not be amended on this respect.

SN	Reference to the Bidding Document	Questions from Bidders	Response of Millennium Challenge Account Nepal (MCA-Nepal)
		<p>damage is to be remedied. The Contractor shall be given reasonable notice of this date.</p> <p>If the Contractor fails to remedy the defect or damage by this notified date and this remedial work was to be executed at the cost of the Contractor under Sub-Clause 1.1.2 [Cost of Remedying Defects], the Employer may (at his option):</p> <p>(a) carry out the work himself or by others, In a reasonable manner and at the Contractor's cost, but the Contractor shall have no responsibility for this work; and the Contractor shall subject to Sub-Clause 2.5 [Employer's Claims] pay to the Employer the costs reasonably incurred by the Employer in remedying the defect or damage;</p> <p>(b) require the Engineer to agree or determine a reasonable reduction in the Contract Price in accordance with Sub-Clause 3.5 [Determinations]’, or</p> <p>(c) if the defect or damage deprives the Employer of substantially the whole benefit of the Works or any major part of the Works, terminate the Contract as a whole;</p>	

SN	Reference to the Bidding Document	Questions from Bidders	Response of Millennium Challenge Account Nepal (MCA-Nepal)
		<p>or In respect of such major part which cannot be put to the intended use.</p> <p>Without prejudice to any other rights, under the Contract or otherwise, the Employer shall then be entitled to recover all sums paid for the Works or for such part (as the case may be), plus financing costs and the cost of dismantling the same, clearing the Site and returning Plant and Materials to the Contractor.</p>	
404.	<p>Section I: Instruction to Bidders ITB 5 Eligible bidders</p>	<p>We understand that Consortium between Two partners are also allowed to quote who shall be jointly and severally bound to the Employer for the entire performance of contract.</p> <p>Please confirm.</p>	<p>As per ITB 5.2 “A Bidder may be a private entity, certain government-owned entities (in accordance with <i>MCC Program Procurement Guidelines</i> as described in ITB Sub-Clause 5.6), or any combination of such entities supported by a letter of intent to enter into an agreement or under an existing agreement of association in the form of a joint venture or other association.”</p> <p>Further, ITB 5.7 provides the requirements for Joint Venture or Association. Thus, the Bidder need to fulfill the requirements of ITB 5.2 and ITB 5.7</p>
405.	<p>Section IV: Bid Submission Forms</p> <p>Price Schedule- Schedule No. 1 -Design Services, Schedule 2- Plant, Goods and Equipment (Including Mandatory Spare Parts) Supplied from Abroad, Schedule 3- Plant, Goods and Equipment</p>	<p>1) We understand that the Custom duties on all imported items cited in Price schedules shall be exempted or in the scope of Employer.</p> <p>2) Further we understand the VAT on all imported items cited in Price schedule is</p>	<p>1) Compact Section 2.8 read along with Annex VII – Tax Schedules provide the conditions for tax exemption, refund or reimbursement of Taxes.</p> <p>2) Compact Section 2.8 read along with Annex VII – Tax Schedules provide the conditions</p>

SN	Reference to the Bidding Document	Questions from Bidders	Response of Millennium Challenge Account Nepal (MCA-Nepal)
	(Including Mandatory Spare Parts) Supplied from Within the Employer's country, Schedule 4- Installation and Other Services including all related Civil.	either exempted or in the scope of Employer. Please confirm our understanding is correct.	for tax exemption, refund or reimbursement of Taxes.
406.	Section I: Instruction to Bidders ITB 2 Source of Funds	Please confirm: We understand that Funding for the complete project is by MCC, United States of America. And all the payment will be released by MCC, USA directly after certification of Contractor's invoices from Employer (MCC Nepal).	Funding sources may be MCC or GoN or both.
407.	Section IV: Bid Submission Forms- Appendix to Letter of Financial Offer 14.7 Payment 14.15 Currencies of Payment	We understand for the offshore portion- The Bid Currency shall be United States Dollars (USD) and for the Onshore portion- the Bid Currency shall be Nepali Rupees (NPR).	Please refer BDS/ITB 16.1, which states: The currency(ies) of the Bid shall be as follows: US\$ (United States Dollar) The currency(ies) of the payment shall be as follows: US\$ (United States Dollar) and the % in Local Currency if specified in the Letter of Financial Offer. It should be noted that if the Bidder request x% of US\$ to be paid in Local currency (Nepalese Rupees). Then that percentage of US\$ will be paid at prevailing exchange rate (buying) of Nepal Rastra Bank on the date of submitted Request for Interim/Final Payment Certificate/invoice, equivalent in NPR. This request of particular

SN	Reference to the Bidding Document	Questions from Bidders	Response of Millennium Challenge Account Nepal (MCA-Nepal)
			percentage of payment in Local currency may be done in the letter of financial offer; otherwise, all payments will be made in USD.
408.	<p>Section IV: Bid Submission Forms</p> <p>Price Schedule-Schedule 2- Plant, Goods and Equipment (Including Mandatory Spare Parts) Supplied from Abroad</p> <p>Price Schedule No. 6: Recommended Spare Parts, Repair and Maintenance Tools (Breakdown of Rates)</p>	<p>1. We understand that for Price Schedule No.2 also: INCOTERMS shall be CIP-Works site in Nepal.</p> <p>2. INCOTERMS: DDP-Works Site in Nepal is not applicable for this project. Please confirm.</p>	<p>1. INCOTERM is DDP-Work Site</p> <p>2. DDP-Work Site is applicable for this project. Please refer to the DDP provision modified in the Bidding document which is as follows:</p> <p>DDP-Works Site in Nepal: The prices for Plant, Goods and Equipment to be supplied from abroad shall be quoted on DDP-Works Site in Nepal Basis. The Employer will provide tax exemption documents where required. If required, documents as per MCA-Nepal tax exemption process attached under Section V (Employer’s Requirement) shall be submitted minimum 45 days before arrival of the Goods, Material, Plant and Equipment at Nepal’s border. Tentative list of Goods, Material, Plant and Equipment to be imported shall also be submitted to MCA-Nepal on an annual basis for each Nepalese Fiscal Year. The Contractor shall also be responsible for custom clearance and all other associated charges (inside and outside Nepal, including loading, unloading) to bring all required</p>

SN	Reference to the Bidding Document	Questions from Bidders	Response of Millennium Challenge Account Nepal (MCA-Nepal)
			<p>Goods, Material, Plant and Equipment to Works Site. The bidder shall include all cost in their bid price.</p> <p>During Contract implementation, Employer shall not be responsible for paying any extra/additional cost. The successful bidder/Contractor shall be required to submit the Pro forma invoice 60 days before arrival of Equipment/Goods to Nepal border and the delivered items shall be exactly same as the ones included in the Pro forma invoice.</p>
409.	<p>Section VII Particular Conditions of Contract</p> <p>Sub-Clause 21.1 Certain Forms of Local Taxation</p>	<p>Please clarify on the below pointwise related to the taxes and duties applicable for this project:</p> <p>i) Nepalese VAT on the offshore contract price is exempted for the project items,</p> <p>ii) Custom duty applicable is exempted for the items imported from abroad.</p>	<p>i) Compact Section 2.8 read along with Annex VII – Tax Schedules provide the conditions for tax exemption, refund or reimbursement of Taxes.</p> <p>ii) Compact Section 2.8 read along with Annex VII – Tax Schedules provide the conditions for tax exemption, refund or reimbursement of Taxes.</p>
410.	<p>Section VII Particular Conditions of Contract</p> <p>Sub-Clause 21.3 Obligation to Pay Taxes</p>	<p>Please mention the taxes which are exempt under Compact or related agreement.</p>	<p>Compact Section 2.8 read along with Annex VII – Tax Schedules provide the conditions for tax exemption, refund or reimbursement of Taxes.</p>
411.	<p>Section II: Bid Data Sheet- ITB 15.6 (a)</p>	<p>Please clarify on the below pointwise related to the taxes and duties applicable for this project:</p>	

SN	Reference to the Bidding Document	Questions from Bidders	Response of Millennium Challenge Account Nepal (MCA-Nepal)
		<p>i) Nepalese VAT on the offshore contract price is exempted for the project items,</p> <p>ii) Custom duty applicable is exempted for the items imported from abroad.</p>	<p>i) Compact Section 2.8 read along with Annex VII – Tax Schedules provide the conditions for tax exemption, refund or reimbursement of Taxes.</p> <p>ii) Compact Section 2.8 read along with Annex VII – Tax Schedules provide the conditions for tax exemption, refund or reimbursement of Taxes.</p>
412.	Not used		
413.	BOQ Lot 1 RAT Base & 2.8.4.10 400 kV Metering, 2.8.4.11 220 kV Metering	<p>Detailed Technical specification of Power Quality and Energy Meter is required. Technical specification for same is missing.</p> <p>Please provide.</p>	<p>MCA-Nepal will issue an addendum to the bidding document after receiving approval of the authority specifying the technical specifications for the power quality and energy meter.</p>
414.	BOQ Lot 1 RAT Base Clause No. 2.8.4, 2.8.4.1, 2.8.4.2, 2.8.4.3, 2.8.4.4, 2.8.4.5	<p>Considered the supply of single set of Substation Automation System accommodating all the bay of 400 kV, 220 kV & 33 kV level.</p> <p>Please confirm.</p>	<p>Please note that MCA-Nepal may issue an addendum to the Bidding Document (Price Schedule) subjected to receipt of approval from the authority.</p>

SN	Reference to the Bidding Document	Questions from Bidders	Response of Millennium Challenge Account Nepal (MCA-Nepal)
415.	Not Used		
416.	BOQ Lot 2 NBW Base 2.7.4.10: 400 kV Metering 2.7.4.11: 220kV Metering	Detailed Technical specification of Power Quality and Energy Meter is required. Technical specification for same is missing. Please provide.	MCA-Nepal will issue an addendum to the bidding document specifying the technical specifications for the power quality and energy meter.
417.	BOQ Lot 2 NBW Base Clause No. 2.7.4, 2.7.4.1, 2.7.4.2, 2.7.4.3, 2.7.4.4	Considered the supply of single set of Substation Automation System accommodating all the bay of 400 kV, 220 kV & 33 kV level. Please clarify the scope.	Please note that MCA-Nepal may issue an addendum to the Bidding Document (Price Schedule) subjected to receipt of approval from the authority.
418.	Not Used		
419.	BOQ Lot 3 New Damauli 2.7.3.9: 400 kV Metering	Detailed Technical specification of Power Quality and Energy Meter is required. Technical specification for same is missing. Please provide.	MCA-Nepal will issue an addendum to the bidding document after approval from the authority specifying the technical specifications for the power quality and energy meter.

SN	Reference to the Bidding Document	Questions from Bidders	Response of Millennium Challenge Account Nepal (MCA-Nepal)
420.	BOQ Lot 3 New Damauli Clause No. 2.7.3, 2.7.3.1, 2.7.3.2, 2.7.3.3, 2.7.3.4, 2.7.3.5	<p>Considered the supply of single set of Substation Automation System accommodating all the bay of 400 kV, 220 kV & 33 kV level.</p> <p>Please clarify the scope.</p>	<p>Please note that MCA-Nepal may issue an addendum to the Bidding Document (Price Schedule) subjected to receipt of approval from the authority.</p>
421.	Section III Qualification and Evaluation Criteria Subcontractors / Manufacturers Item No 1: Gas Insulated Switchgear	<p>We wish to inform that we are one of reputed global GIS manufacturers and have huge installation base of GIS in home country. Also, we have global references/footprint and huge installation base of GIS supplied from our collaborator/group companies.</p> <p>With reference to above, we request to kindly accept the manufacturers who have either already supplied or have project under execution for at least 3 GIS station (including bus duct, if applicable) of 220kV level or above voltage class outside the manufacturer's home country during last 10 years. Kindly accept.</p>	<p>Kindly adhere to the requirement of the Bidding Document.</p>

SN	Reference to the Bidding Document	Questions from Bidders	Response of Millennium Challenge Account Nepal (MCA-Nepal)
422.	<p>220913_Lot1_RAT_TS, 220913_Lot2_NBW_TS, 220913_Lot3_NDM_TS</p> <p>CHAPTER 3: AUTO-TRANSFORMER SPECIFICATION</p> <p>Cl. 1.1 b</p>	Transformer shall be in accordance with requirements of IEC 60076 all parts. This is for your information.	Noted
423.	<p>220913_Lot1_RAT_TS, 220913_Lot2_NBW_TS, 220913_Lot3_NDM_TS</p> <p>CHAPTER 3: AUTO-TRANSFORMER SPECIFICATION</p> <p>Cl. 1.1 c</p>	Please note that Offered Transformer shall be suitable for parallel operation with similar transformer having same parameters to meet parallel operation criteria. This is for your information.	Noted
424.	<p>220913_Lot1_RAT_TS, 220913_Lot2_NBW_TS, 220913_Lot3_NDM_TS</p> <p>CHAPTER 3: AUTO-TRANSFORMER SPECIFICATION</p> <p>Cl. 1.1 f</p>	Is there any Transformer overall Dimension limitations & Transport Dimensions or transport weight limitations? If yes, please specify	Design of the transformer is in the present scope of works. Dimension of the same shall be finalized during the detailed engineering. Bidders need to have an idea about the approx. dimensions of such transformers as well as transportation weight etc. Further, it is the responsibility of the bidders to check those against existing road and bridge conditions.
425.	<p>220913_Lot1_RAT_TS, 220913_Lot2_NBW_TS, 220913_Lot3_NDM_TS</p>	We understand losses shall be offered as per capitalization rates given in this clause. If transformer to be designed with any fixed maximum losses, please define.	The Contractor shall guarantee that the autotransformers comply with the performance stated in the Technical Data Sheets. Tolerances shall not exceed the values specified in IEC 60076 or those listed in the Technical Data Sheets. The

SN	Reference to the Bidding Document	Questions from Bidders	Response of Millennium Challenge Account Nepal (MCA-Nepal)
	<p>CHAPTER 3: AUTO-TRANSFORMER SPECIFICATION</p> <p>Cl. 2.3.1</p>		<p>autotransformer losses will be capitalized at rates given in the bid documents for evaluation purposes.</p>
426.	<p>220913_Lot1_RAT_TS, 220913_Lot2_NBW_TS, 220913_Lot3_NDM_TS</p> <p>CHAPTER 3: AUTO-TRANSFORMER SPECIFICATION</p> <p>Cl. 3.1 a.iv</p>	<p>We propose to offer this transformer with conventional type of tank with bolted top cover due to the following reasons:</p> <p>a) Any inspection at site can be easily carried out by removing top cover and inspection covers.</p> <p>b) If we supply with bell tank design, the gasket joint which is at tank bottom side will continuously see excessive oil pressure head and there will be more chances of oil leakage. Due to this reason many customers prefer conventional tanks even for higher ratings.</p> <p>c) We have supplied upto 500MVA 400kV with conventional tank with bolted top cover to various utilities in India.</p> <p>In view of the above we request you to kindly accept the tank with conventional, bolted top cover construction.</p>	<p>The provision in the current bidding document will not change on this respect.</p>

SN	Reference to the Bidding Document	Questions from Bidders	Response of Millennium Challenge Account Nepal (MCA-Nepal)
427.	<p>220913_Lot1_RAT_TS, 220913_Lot2_NBW_TS, 220913_Lot3_NDM_TS</p> <p>CHAPTER 3: AUTO-TRANSFORMER SPECIFICATION</p> <p>Cl. 3.1 h.ii.b</p>	<p>Our scope of supply of cable is limited from transformer accessories to marshalling box only. Further distance to control room is not known at this stage so supply of special shielded cable from MB to remote WTI in RTCC is not in our scope.</p>	<p>This contract is for turn-key substation work, not for autotransformer supply. Everything external to the transformer is also in the scope.</p>
428.	<p>220913_Lot1_RAT_TS, 220913_Lot2_NBW_TS, 220913_Lot3_NDM_TS</p> <p>CHAPTER 3: AUTO-TRANSFORMER SPECIFICATION</p> <p>Cl. 3.3 f</p>	<p>Winding resistance variance between phases depend on various factor like tolerance on conductor dimension effecting area, tolerance on proof stress effecting conductivity, and cable length for vector connection and surface contact at lug/various connections. So, variation of 1% is not possible. It will be as per measurement at actuals without effecting principal guaranteed parameters like losses.</p>	<p>The provision will not change. The winding resistance shall not vary from phase to phase by more than 1%.</p>
429.	<p>220913_Lot1_RAT_TS, 220913_Lot2_NBW_TS, 220913_Lot3_NDM_TS</p> <p>CHAPTER 3: AUTO-TRANSFORMER SPECIFICATION</p> <p>Cl. 3.5 a xii & xiii</p>	<p>Surge arrestor and its brackets on tertiary not in our scope.</p> <p>And No insulating caps provided on tertiary.</p> <p>Please clarify requirement of tertiary compartment and confirm requirement of air filled cable box on tertiary.</p>	<p>It is confirmed that no insulating caps will be provided on tertiary.</p> <p>Tertiary compartment requirement is confirmed and cable boxes shall be air insulated. They shall be of sufficient size to accommodate cables to be connected. Cable boxes shall have suitable removable side/top cover to facilitate cable termination and inspection.</p>

SN	Reference to the Bidding Document	Questions from Bidders	Response of Millennium Challenge Account Nepal (MCA-Nepal)
430.	<p>220913_Lot1_RAT_TS, 220913_Lot2_NBW_TS, 220913_Lot3_NDM_TS</p> <p>CHAPTER 3: AUTO-TRANSFORMER SPECIFICATION</p> <p>Cl. 3.5 b</p>	<p>We understand that, Bushing (HV,MV,TV, Neutral) terminations is through oil-to-air bushings. Further connection to GIS is not in our scope.</p>	<p>Please refer response to clarification for S.N. 348.</p> <p>This contract is for turn-key substation work, not for autotransformer supply. Everything external to the transformer is also in the scope.</p>
431.	<p>220913_Lot1_RAT_TS, 220913_Lot2_NBW_TS, 220913_Lot3_NDM_TS</p> <p>CHAPTER 3: AUTO-TRANSFORMER SPECIFICATION</p> <p>Cl. 3.7 a</p>	<p>Kindly provide GIC current magnitude to confirm. Also note that, DC CT parameter required for getting quotation. Any external CT and its supports are not in our scope of supply.</p>	<p>Bidders should understand that this contract is not only for autotransformer supply but is a turn-key substation work, everything external to the transformer is also in the scope.</p>
432.	<p>220913_Lot1_RAT_TS, 220913_Lot2_NBW_TS, 220913_Lot3_NDM_TS</p> <p>CHAPTER 3: AUTO-TRANSFORMER SPECIFICATION</p>	<p>Both clauses are contradictory. Please confirm temperature rise requirement of avg. winding, top oil and hot-spot winding rise.</p>	<p>MCA-Nepal will issue an addendum to correct the ambiguity in the Bidding Document after receiving approval from the authority as follow: Winding temperature rise by resistance shall not exceed 55° C and hottest spot winding temperature rise shall not exceed 90° C for the full range of transformer operation.</p>

SN	Reference to the Bidding Document	Questions from Bidders	Response of Millennium Challenge Account Nepal (MCA-Nepal)
	Cl. 3.3 b & Cl. 3.8 ii		
433.	220913_Lot1_RAT_TS, 220913_Lot2_NBW_TS, 220913_Lot3_NDM_TS CHAPTER 3: AUTO-TRANSFORMER SPECIFICATION Cl. 5.1 b viii	<p>Our manufacturing plant was set up as per latest manufacturing facilities of our plants in Europe and hence our core stacking table and hydraulic lifting jigs were designed similar to the ones available in Europe. We build the core as per our global practice and standards and our principals do not recommend to build the core with top yoke lamination as double handling of top yoke lamination may introduce stress in laminations, negatively affecting the magnetic properties of core. Similarly the accuracy of measurements will not be good as the dummy coils will not simulate actual conditions of windings. We once again confirm that actual no load losses will be as per guaranteed value which may be checked during final testing. Hence we request you to delete this requirement during onspction..</p>	<p>Requirement in the Bidding Document will not change. Bidders are requested to kindly adhere to the requirement of the Bidding Document..</p>
434.	220913_Lot1_RAT_TS, 220913_Lot2_NBW_TS, 220913_Lot3_NDM_TS	<p>We understand that, this is requirement for 400kV and above OIP bushings only. Please confirm</p>	<p>MCA-Nepal may issue an addendum after approval from the authority with following: Bushing (Type Test as per IEC:60137 including Snap back &</p>

SN	Reference to the Bidding Document	Questions from Bidders	Response of Millennium Challenge Account Nepal (MCA-Nepal)
	<p>CHAPTER 3: AUTO-TRANSFORMER SPECIFICATION</p> <p>Cl. 5.2 note C. i</p>		Seismic test for 400 kV and above voltage class bushing)
435.	<p>220913_Lot1_RAT_TS, 220913_Lot2_NBW_TS, 220913_Lot3_NDM_TS</p> <p>CHAPTER 3: AUTO-TRANSFORMER SPECIFICATION</p> <p>Cl. 5.2 note C. v</p> <p>&</p> <p>Bidding Document Technical Data Sheet Auto Transformer Technical Data Sheet Technical Data Sheet Sl.No.6</p>	<p>Considering following disadvantages while using oil pumps, Here we are offering ONAN/ONAF1/ONAF2 cooling instead of ONAN/ONAF/OFAF cooling,</p> <ol style="list-style-type: none"> 1. Oil pumps often require a separate foundation for supporting pump and attached large pipe network from ground. 2. Oil pumps need continual maintenance during operation as for any rotary equipment. Since hot oil is continuously circulated through it, frequent monitoring is required for any oil leakage. 3. Oil pumps consume more auxiliary power in comparison to corresponding consumption by extra cooling fans required in the event of eliminating oil pump. 4. In case of a gasket leak during service, air can be sucked through pipe joints in the suction side of pumps which gets mixed up with circulating oil and can be an entry point for moisture into transformer. Several 	The requirement of the Bidding Document will not change.

SN	Reference to the Bidding Document	Questions from Bidders	Response of Millennium Challenge Account Nepal (MCA-Nepal)
		<p>gasket joints in pipe network result in many such moisture entry points.</p> <p>5. In case of shifting of transformer from one location to another location, pumps and its pipe network require proper handling and care.</p> <p>6. We have supplied upto 500MVA 400kV with ONAN/ONAF1/ONAF2 cooling to various utilities in India.</p> <p>Customer to kindly review and accept the same. Note that mis-operation of buchholz relay is not applicable in case of proposed ONAN/ONAF1/ONAF2 cooling.</p>	
436.	<p>220913_Lot1_RAT_TS, 220913_Lot2_NBW_TS, 220913_Lot3_NDM_TS</p> <p>CHAPTER 3: AUTO-TRANSFORMER SPECIFICATION</p> <p>Cl. 5.2 note C. viii</p>	<p>PRD operation check will be done by air separately without mounting on Transformer.</p>	<p>Agreed. Test report to be submitted.</p>
437.	<p>220913_Lot1_RAT_TS, 220913_Lot2_NBW_TS, 220913_Lot3_NDM_TS</p>	<p>INSPECTION AND TESTING AT SITE is not in our scope of supply</p>	<p>The Inspection and Testing at Site in the scope of the Contractor. The scope is clearly mentioned in the TS. Bidders are requested to kindly go through the TS.</p>

SN	Reference to the Bidding Document	Questions from Bidders	Response of Millennium Challenge Account Nepal (MCA-Nepal)
	<p>CHAPTER 3: AUTO-TRANSFORMER SPECIFICATION</p> <p>Cl. 5.3</p>		
438.	<p>220913_Lot1_RAT_TS, 220913_Lot2_NBW_TS, 220913_Lot3_NDM_TS</p> <p>CHAPTER 3: AUTO-TRANSFORMER SPECIFICATION</p> <p>Cl. 6 (table 8)</p>	<p>Only spares mentioned in table 8 considered. No other special tools & tackles are recommended hence not considered.</p> <p>And note that, item "Vacuum and oil processing equipment required for filling and maintenance" mentioned in table8 is not in our scope of supply.</p>	Please refer response to clarification for S.N. 356
439.	<p>220913_Lot1_RAT_TS, 220913_Lot2_NBW_TS, 220913_Lot3_NDM_TS</p> <p>CHAPTER 3: AUTO-TRANSFORMER SPECIFICATION</p> <p>General</p>	Transformer is in-line to technical specification Chapter 3: Autotransformer Specification. We understand that all other chapters of this specification are not applicable specific to transformers and are not in our scope of supply.	The bid is for SS turn-key contract, not for autotransformer supply. All other chapters, even if they are not applicable specific to the transformers, are in the bidders' scope of supply.
440.	<p>Bidding Document Technical Data Sheet</p> <p>Auto Transformer Technical Data Sheet</p> <p>Technical Data Sheet Sl.No.17.2</p>	We understand that, tap changer is required for HV variation and is located at common end of series winding to achieve constant ohmic impedance requirement. Please confirm.	On Load Tap changer shall be provided for variation of voltage on HV side of +- 10% using 17(8 plus, 8 minus, nominal) steps of 1.25% each, provided on common end of series winding. <i>It shall be of constant flux voltage variation type as per CI.3.2 of IS:2026 Part- IV-1977</i>

SN	Reference to the Bidding Document	Questions from Bidders	Response of Millennium Challenge Account Nepal (MCA-Nepal)
441.	<p>220913_Lot1_RAT_TS, 220913_Lot2_NBW_TS, 220913_Lot3_NDM_TS</p> <p>CHAPTER 3: AUTO-TRANSFORMER SPECIFICATION</p> <p><i>3.14. DISSOLVED GAS AND MOISTURE MONITOR table 6</i></p> <p>&</p> <p>Bidding Document Technical Data Sheet Auto Transformer Technical Data Sheet</p> <p><i>Technical Data Sheet Sl.No.25</i></p>	<p>Both clauses are contradictory. As per Technical specification 8gas + moisture online DGA is required and as per technical data sheet 4 gas GE-HYDRAN M2 or equivalent model is required. Please confirm which one to follow.</p>	<p>Kindly adhere to the requirement stated in Clause 3.14 of Chapter 3 Auto Transformer of Technical Specification (TS) volume. The ambiguity in the bidding document in the Technical Data Sheet will be corrected through issuing an Addendum to the Bidding Document, after receiving approval from authority.</p>
442.	<p>Bidding Document-General</p>	<p>We understand that, in this document only technical data sheets of AUTOTRANSFORMER SPECIFICATION is applicable and no other specifications of this document are applicable to transformers and hence not considered in our scope of supply.</p>	<p>The understanding of the bidder is incorrect. Wherever, there is unavailability of the information, pertaining codes will be referred.</p>

SN	Reference to the Bidding Document	Questions from Bidders	Response of Millennium Challenge Account Nepal (MCA-Nepal)
443.	221123_Lot1_RAT_PSR, 221123_Lot2_NBW_PSR, 221123_Lot3_NDM_PSR <i>(PGA: peak ground acceleration) 0.50 g</i>	Please confirm seismic acceleration value. Mentioned acceleration is high. We propose to offer RIP bushing due to high seismic acceleration.	Kindly adhere to the requirements of the bid.
444.	Part 2: Employer's Requirements Section V – B0 (General Technical Requirement) Cl. 10	For Power/ Auto Transformers, please confirm if type tests reports of similar or higher rating transformer are acceptable.	Please exactly follow the type test requirement as mentioned in the document.
445.	General-Short Circuit (S.C) withstand	We do not envisage any S.C test for the transformer. Also, we do not envisage any SC similarity as per IEC 60076 Part -5. We will submit S.C withstand calculations in the event of order to demonstrate S.C capability of the transformer. This is for your information	Noted.
446.	General-Radiator	We are offering radiators with 1.0mm standard thickness with paint as per our energy standard practice.	Offer is not accepted. Kindly adhere to the requirements of the bid.
447.	General-Type test	We do not envisage repetition of type test for transformer accessories. Type test report available for transformer accessories shall be submitted for reference purpose without any limitation on validity.	The requirement of Type test report for transformer accessories will be issued through issuance of an addendum to the Bidding document after receiving approval from the authority. MCA-Nepal is anticipating including the requirement in the bidding document as follows: Type test report for

SN	Reference to the Bidding Document	Questions from Bidders	Response of Millennium Challenge Account Nepal (MCA-Nepal)
			transformer accessories should not be more than 5 years old.
448.	General-Vendor List	All the transformer accessories shall be of Indigenous make as per our approved vendor list.	Transformers accessories except OLTC can be supplied as per OEM approved vendor list subject to the approval of the Engineer.
449.	General-Site Storage	Note that, Preparation of indoor & outdoor storage space at site is not in Bidder's scope. Purchaser to provide suitable indoor & outdoor space for storage of transformers and accessories.	All site storage including maintenance and security of the equipment is in the scope of the contractor till handover activities. Bidders are advised to refer relevant chapters of General Project Description for further clarifications.
450.	General-painting	Painting procedure on tank /radiators shall be as per our standard practices and shall be suitable for the site condition. If you have any painting requirement, please share.	Agreed, painting procedure on tank /radiators shall be as per OEM standard practices and shall be suitable for the site conditions.
451.	General-Scope of work	Following Items/ material is not consider in scope of supply: a) Rail & Inserts for Transformer Foundations. b) Support Structure, Support Insulators, Terminal Clamps & connector, Flexible Connectors etc. required for any other equipment.	a) All activities are in the scope of the Contractor. b) Same as above c) Same as above d) Same as above e) Same as above f) Same as above g) Same as above h) Same as above Further, please note that this contract is for turn-key substation work, not for autotransformer supply.

SN	Reference to the Bidding Document	Questions from Bidders	Response of Millennium Challenge Account Nepal (MCA-Nepal)
		<p>b) Earthing Arrangement, Spare unit connection, Netural / Star / Delta Formation etc.</p> <p>c) Oil Syringe, Oil Filter M/c, oil storage tank. etc.</p> <p>d) Any special Tools & Tackles, Test Kit (BDV Test Kit, Portable DGA) etc.</p> <p>e) Cable Tray, Tray support or any other accessories etc.</p> <p>f) HVWS System, NIFPS, Fiber optic temp monitoring sysetm. NGR, Outdoor NCT, Circuit Breaker / Isolator, Surge Arrester, Oil dryout system, PD monitoring system etc.</p> <p>g) Any Civil work</p> <p>h) Any other item not included in above price schedule</p>	<p>Everything external to the transformer is also in the scope.</p>
452.	General-Cable scope	<p>a) Scope of supply for Power / Control / any Special cable / FO cable shall be limited from Transformer tank mounted accessories to Individual Marshalling Box (IMB).</p> <p>b) Power /Control /any special Cable required for Interconnection from IMB to RTCC panel / control room/ SCADA Panel etc. shall not be under our scope. No special</p>	<p>a) All activities will be as per the scope of works defined in the PSR.</p> <p>b) Same as above</p> <p>c) Same as above</p> <p>Please note that this contract is for turn-key substation works, not for autotransformer supply.</p>

SN	Reference to the Bidding Document	Questions from Bidders	Response of Millennium Challenge Account Nepal (MCA-Nepal)
		<p>cable and accessories (i.e. LIU, Ethernet switch, FO cable etc.) are included in our scope for automation. Any material required to supply / perform for integration with existing transformers or substation automation system for is not included in our scope. Also laying of cable is also not in our scope.</p> <p>c) Supply and Integration of any existing spare units, if any, with new supplied Transformer/Reactor IMB & CMB is not considered in scope.</p>	<p>Everything external to the transformer is also in the scope.</p>
453.	<p>Section IV. Bid Submission Forms- Appendix to Letter of Financial Offer</p> <p>Adjustment for 13.8</p> <p>Changes in Cost</p>	<p>Price adjustment formula specified for Auto/ Power Transformers has 40% is fixed component and 60% is variable. This 60% variation is covers variation of only Copper and CRGO. This won't cover manufacturer's full exposure towards commodity price variation. Other components like Mild Steel (MS), Oil, Insulation and Labour are also plays major role in transformer composition. In last two years, price of raw materials and international transportation has increased significantly and still their behavior is highly volatile. Hence, we request you to consider price variation of these commodities as well and reduce fixed</p>	<p>MCA-Nepal will not amend the Bidding Document on this respect.</p>

SN	Reference to the Bidding Document	Questions from Bidders	Response of Millennium Challenge Account Nepal (MCA-Nepal)
		component to reasonable value. Also, we recommend to follow IEEMA price variation formula for this.	