



CLARIFICATION #4.4

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**

Date of Issue: **3 August 2023**

SN	Reference to the Bidding Document	Questions from Bidders	Response of Millennium Challenge Account Nepal (MCA-Nepal)
851.	SECTION 1: 420kV GIS TECHNICAL SPECIFICATION Ch 1_S2_TS_220kV GIS_RAT 12.7.6 <i>Voltage transformer secondary winding(s) shall be wired to terminal blocks located in a terminal box mounted directly on the voltage transformer. Voltage transformer secondaries shall be fused (except the neutral) or protected by circuit breakers, marked and connected through a Visible Secondary Break (VSB) disconnect device and then terminated on terminal blocks (type and model to be provided by the Employer) in the LCC.</i>	We understand that Visible Secondary Break (VSB) are nothing but Miniature Circuit Breakers (MCB). Please confirm whether our understanding is correct.	Please note that “Voltage transformer secondary shall be fused (except the neutral) or protected by <i>circuit breakers</i> ” is already mentioned and these <i>circuit breakers</i> may mean Miniature Circuit Breakers (MCBs). As such Visible Secondary Break (VSB) shall mean something where one shall be able to verify(visibly) contacts are open or closed, say something similar to AIS MV/HV Disconnect or Isolator where we can visually determine whether the Contacts (operated through blade) are closed or open.
852.	SECTION 1: 420kV GIS TECHNICAL SPECIFICATION Ch 1_S2_TS_220kV GIS_RAT 12.16	- Structure material will be as per Indian Standard only, however the Tensile Strength will be as per American Standard. - The offered GIS structure shall be in line	Kindly adhere to the requirements of the bidding document.

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	<i>SEISMIC DESIGN CRITERIA AND SUPPORT STRUCTURES</i>	with IEC/ IS standard. Request a concurrence on the same.	
853.	SECTION 1: 420kV GIS TECHNICAL SPECIFICATION Ch 1_S2_TS_220kV GIS_RAT 12.16.4 <i>The structures shall be designed in accordance with the latest edition of the American Institute of Steel Construction Manual.</i>	The structures shall be designed in accordance with IEC standards	Kindly adhere to the requirements of the bidding document.
854.	SECTION 1: 420kV GIS TECHNICAL SPECIFICATION Ch 1_S2_TS_220kV GIS_RAT 13.2 <i>All type (design) tests on the GIS and GIS components shall have been previously conducted as specified in IEC 62271 and IEEE C37.122. Type tests shall verify that all components of the GIS perform satisfactorily, both electrically and mechanically, at the ratings assigned. Reports of the type testing shall be submitted with the bid</i>	Offered GIS shall be tested in Line with IEC 62271-203	Confirmed.
855.	SECTION 1: 420kV GIS TECHNICAL SPECIFICATION Ch 1_S2_TS_220kV GIS_RAT 2 HIGH VOLTAGE DESIGN PARAMETERS	Kindly provide the value for check and confirmation	X/R ratio value will be determined during the detailed engineering based on the Contractor's System Studies.

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	<i>System X/R (maximum) X/R = TBD (shall be finalized after study report)</i>		
856.	16.1_TDS_420kV_GIS_RAT <i>1.16 Ambient temperature range: -30 up to +40°C</i>	Ambient temperature range given in project specific document & technical data sheet are different. Request to provide actual Ambient temperature to be followed	The Ambient temperature range shall be: -30 up to +40°C The ambiguity in the PSR may be corrected after issuance of addendum after approval from the authority.
857.	Lot1_RAT_PSR <i>1.2.1 Temperature</i> <i>Maximum annual ambient temperature 40 °C</i> <i>Minimum annual ambient temperature 1 °C</i>	Ambient temperature range given in project specific document & technical data sheet are different. Request to provide actual Ambient temperature to be followed	The Ambient temperature range shall be: -30 up to +40°C The ambiguity in the PSR may be corrected after issuance of addendum after approval from the authority.
858.	a.SECTION 2: 220kV GIS TECHNICAL SPECIFICATION Ch 1_S2_TS_220kV GIS_RAT 2.10 <i>The GIS and GIB furnished under this specification shall be in accordance with all the most current requirements of applicable IEEE and IEC standards. All materials and devices shall be in accordance with the applicable requirements of the Local or National "Occupational Safety and Health Standards."</i>	Offered 220kV GIS shall confirm to IEC 62271-203, we request to share the specific requirements of Local/National requirements needed additionally to be complied for this requirement	It is the responsibility of the contractor to get informed of and to comply with the applicable national safety requirements.
859.	a.SECTION 2: 220kV GIS TECHNICAL SPECIFICATION Ch 1_S2_TS_220kV GIS_RAT 5 CODES AND STANDARDS	Offered GIS is designed, manufactured and tested as per IEC 62271-203. Request kind acceptance on same	Accepted.

SN	Reference to the Bidding Document	Questions from Bidders	Response of Millennium Challenge Account Nepal (MCA-Nepal)
860.	<p>a.SECTION 2: 220kV GIS TECHNICAL SPECIFICATION</p> <p>Ch 1_S2_TS_220kV GIS_RAT <i>9.1.5 Due to safety requirements for working on this pressurized equipment, whenever the pressure of the adjacent gas compartment is reduced during maintenance, this compartment shall be designed so that it shall remain in service to perform its intended duty.</i></p>	<p>Due to safety requirements, if the gas pressure of a compartment is reduced, the same part can not be kept in service as the gas density in the stated compartment shall not be sufficient to withstand the electrical stress. Request to provide acceptance on same.</p>	<p>Accepted. If the gas pressure is reduced during the maintenance, the equipment cannot remain in service.</p>
861.	<p>a.SECTION 2: 220kV GIS TECHNICAL SPECIFICATION</p> <p>Ch 1_S2_TS_220kV GIS_RAT <i>9.1.12 To facilitate GIS extension in the future, the Contractor shall make available during the detailed engineering phase, the complete design detail of interface module including enclosure cross section, enclosure material, enclosure dimensions (inner & outer), flange diameter (inner & outer), conductor connection arrangement, bolt circle spacing & dimensions, rated gas pressure etc</i></p>	<p>The data required for extension shall be in line with IEEE C37, kindly confirm</p>	<p>The proposed extension interface design and facilities will be subject to approval by the Engineer at the detailed engineering phase.</p>
862.	<p>a.SECTION 2: 220kV GIS TECHNICAL SPECIFICATION</p> <p>Ch 1_S2_TS_220kV GIS_RAT <i>9.2.13 A gas density monitoring system (GDM) integrated with existing communication systems including gas</i></p>	<p>Kindly share any additional data with reference to the GDM system required</p>	<p>To follow the specification. Bidders to propose based on their experience.</p>

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	<i>density monitors (with alarm contacts), gas density monitoring (GDM with transducers) hardware and software system, pressure relief devices, gas filling connections and Human Machine Interface (HMI).</i>		
863.	a.SECTION 2: 220kV GIS TECHNICAL SPECIFICATION Ch 1_S2_TS_220kV GIS_RAT 9.2.22 <i>A camera system for locations where physical access to viewports is restricted.</i>	Not applicable for offered 220kV GIS design	Kindly adhere to the requirements of the bidding document.
864.	a.SECTION 2: 220kV GIS TECHNICAL SPECIFICATION Ch 1_S2_TS_220kV GIS_RAT 11.1 <i>220kV System:</i> <i>- Rated Symmetrical Short-time Withstand Current (up to 1 s)- 50kA or 63kA</i> <i>- Rated Continuous Current : 3000A or 4000A</i>	With reference of mentioned clause, Values for rated busbar current & short time withstand current are different in SLD, Technical Data sheet & Technical specifications. Request to provide actual parameters to be followed.	MCA-Nepal confirms 4000 A continuous current rating & 50 kA for short circuit rating (1s) for both 400 kV and 220 kV systems. MCA-Nepal will issue the pertaining addendum to the Bidding Document.
865.	a.SECTION 2: 220kV GIS TECHNICAL SPECIFICATION Ch 1_S2_TS_220kV GIS_RAT RTE-100-4 <i>Busbar current: 4000A</i> <i>Rated Symmetrical Short-time Withstand Current (up to 1 s): 50kA</i>	With reference of mentioned clause, Values for rated busbar current & short time withstand current are different in SLD, Technical Data sheet & Technical specifications. Request to provide actual parameters to be followed.	MCA-Nepal confirms 4000 A continuous current rating & 50 kA for short circuit rating (1s) for both 400 kV and 220 kV systems. MCA-Nepal will issue the pertaining addendum to the Bidding Document.

SN	Reference to the Bidding Document	Questions from Bidders	Response of Millennium Challenge Account Nepal (MCA-Nepal)
866.	a.SECTION 2: 220kV GIS TECHNICAL SPECIFICATION Ch 1_S2_TS_220kV GIS_RAT 16.2 1.8 Rated normal current feeder: 4000A 1.10 Rated short-time withstand current (up to 1 s): 50kA	With reference of mentioned clause, Values for rated busbar current & short time withstand current are different in SLD, Technical Data sheet & Technical specifications. Request to provide actual parameters to be followed.	MCA-Nepal confirms 4000 A continuous current rating & 50 kA for short circuit rating (1s) for both 400 kV and 220 kV systems. MCA-Nepal will issue the pertaining addendum to the Bidding Document.
867.	a.SECTION 2: 220kV GIS TECHNICAL SPECIFICATION Ch 1_S2_TS_220kV GIS_RAT 16.2 3.1 Rated primary current & Ratio: 4000/1A	With reference of mentioned clause, CT ratio given in SLD & technical data sheet are different. Request to provide actual parameters to be followed.	MCA-Nepal confirms adaptation of CT ratio of 4000/1 A.
868.	a.SECTION 2: 220kV GIS TECHNICAL SPECIFICATION Ch 1_S2_TS_220kV GIS_RAT RTE-100-4 220KV GIS - CT Particular: Ratio: 3000/1A	With reference of mentioned clause, CT ratio given in SLD & technical data sheet are different. Request to provide actual parameters to be followed.	MCA-Nepal confirms adaptation of CT ratio of 4000/1 A.
869.	a.SECTION 2: 220kV GIS TECHNICAL SPECIFICATION Ch 1_S2_TS_220kV GIS_RAT 16.2 4.8 Rated output: 1000 (minimum), each winding	With reference of mentioned clause, VT burden value given in SLD & technical datasheet are different. Request to provide actual parameters to be followed.	<p>The VT burden may be 1500 VA (thermal burden)</p> <p>The value of burden in TS will be changed to 1500 VA through an addendum to the bidding document after approval from the authority.</p>
870.	a.SECTION 2: 220kV GIS TECHNICAL SPECIFICATION Ch 1_S2_TS_220kV GIS_RAT	With reference of mentioned clause, VT burden value given in SLD & technical data sheet are different. Request to provide actual parameters to be followed.	The VT burden may be 1500 VA, however it will be finalized during detailed design subject to approval by the Engineer.

SN	Reference to the Bidding Document	Questions from Bidders	Response of Millennium Challenge Account Nepal (MCA-Nepal)
	<i>RTE-100-4 220KV GIS - VT Particular: Rated Output- 1500VA (Minimum)</i>		
871.	a.SECTION 2: 220kV GIS TECHNICAL SPECIFICATION Ch 1_S2_TS_220kV GIS_RAT RTE-100-1, 100-2, 100-3, 100-4	Given SLD contains metering and differential protection class cores whereas only 5P20 accuracy class details are given in CT technical datasheet & CT particulars. Request to provide required CT accuracy classes with detail parameters like burden, knee point voltage, excitation current and Rct etc.	Bidders to propose CT with metering accuracy cores and protection accuracy cores. Detailed CT data and calculation will be provided by the contractor at detailed design stage (considering transient accuracy with reclosing), subject to approval by the Engineer. This will have to be coordinated by the Engineer for all substations CT characteristics to be standardized.
872.	a.SECTION 2: 220kV GIS TECHNICAL SPECIFICATION Ch 1_S2_TS_220kV GIS_RAT <i>11.27 All terminals and control circuit wiring shall be capable of withstanding 1500 V ac, 50 Hz for one minute or 1800 V ac, 50Hz for one second in accordance with IEEE C37.122.</i>	Power frequency voltage withstand voltage shall be as per IEC standard. Request your kind acceptance.	Power frequency voltage withstand voltage shall be as per <i>IEEE C37.122</i> .
873.	a.SECTION 2: 220kV GIS TECHNICAL SPECIFICATION Ch 1_S2_TS_220kV GIS_RAT <i>11.30 Corridors shall be provided along the length of the GIS as required, for transporting gas processing equipment. These spaces shall be clear of any columns, stairways,</i>	No maintenance access corridors are applicable between adjacent bays in the GIS w.r.t requirement of spaces i.e. clear of any columns, stairways, ladders, etc., that would impede movement of a gas cart. Maintenance access corridors Please confirm.	Detailed GIS layout design will be finalized during detailed design subject to approval by the Engineer

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	<i>ladders, etc., that would impede movement of a gas cart. Maintenance access corridors shall also be provided between adjacent bays</i>		
874.	Not used.		
875.	a.SECTION 2: 220kV GIS TECHNICAL SPECIFICATION Ch 1_S2_TS_220kV GIS_RAT <i>12.13.2 Each cabinet shall be a NEMA 12 enclosure, as a minimum, for indoor application. Any outdoor junction boxes or marshalling cabinets shall be rated NEMA 4X and constructed of stainless steel.</i>	We will provide IP class as per IEC 60529 (IP43 class for indoor). Request an acceptance on same.	Accepted for indoor enclosures. For outdoor, NEMA 4X should be provided.
876.	a.SECTION 2: 220kV GIS TECHNICAL SPECIFICATION Ch 1_S2_TS_220kV GIS_RAT <i>12.13.5 For any cabinets located outdoors, the top of the outdoor cabinets (where provided) shall be sloped (2% minimum) to prevent water accumulation. A drip shield shall be provided above the cabinet door. It shall be rigidly braced and secured.</i>	For offered 400/220KV GIS floor mounted LCC cable entry shall be from bottom side.	Stipulation and query do not match. However, kindly adhere to the requirements of the bidding documents.

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877.	<p>a.SECTION 2: 220kV GIS TECHNICAL SPECIFICATION</p> <p>Ch 1_S2_TS_220kV GIS_RAT <i>12.13.12 d. One or two (one for each circuit breaker trip coil) red light-emitting diodes (LED) and one green LED for each circuit breaker, each disconnect and earthing (maintenance or high-speed) switch, for contact position indication on the mimic diagram. LEDs shall be visible when illuminated from a minimum of 2 meters away in bright sunlight. All indicating lights shall be capable of being seen without the necessity of opening any doors on the LCC.</i></p>	<p>For the offered 220KV/400KV GIS, (red/green) indication lamps shall be provided however provision of any separate indication for trip/ close coil is not envisaged.</p>	<p>This will be finalized during detailed engineering subject to approval by the Engineer.</p>
878.	<p>a.SECTION 2: 220kV GIS TECHNICAL SPECIFICATION</p> <p>Ch 1_S2_TS_220kV GIS_RAT <i>12.13.12 h. An annunciator (type and model to furnished by the Engineer/Employer) with Ethernet communications and global positioning system (GPS) time synchronization with the following alarms connected:</i></p>	<p>Annunciator with RS485 shall be provided. Request an acceptance on same.</p>	<p>Annunciator details will be finalized during detailed engineering after approval by the Engineer.</p>
879.	<p>a.SECTION 2: 220kV GIS TECHNICAL SPECIFICATION</p> <p>Ch 1_S2_TS_220kV GIS_RAT <i>12.13.12 q. Visible secondary break disconnect devices in the voltage</i></p>	<p>Disconnecting type terminal blocks shall be provided for CT and VT. Request an acceptance on same.</p>	<p>Kindly adhere to the requirement of bidding documents. Details to be subject to approval by the Engineer</p>

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	<i>transformer wiring circuit for isolating all ungrounded voltage transformer secondary wiring circuits</i>		
880.	<p>a.SECTION 2: 220kV GIS TECHNICAL SPECIFICATION</p> <p>Ch 1_S2_TS_220kV GIS_RAT <i>12.14.1 All control wiring shall comply with the requirements of the standards in the CODES AND STANDARDS section of this specification. All exterior wiring shall be enclosed in schedule 40, hot-dipped galvanized steel conduit. PVC conduit is not acceptable. All external mounting hardware and fasteners shall be stainless steel. Electro-galvanized fittings are not acceptable</i></p>	We understand that provision of cable trays for cables between GIS to LCC shall also be acceptable. Request to kindly confirm.	Confirmed.
881.	<p>a.SECTION 2: 220kV GIS TECHNICAL SPECIFICATION</p> <p>Ch 1_S2_TS_220kV GIS_RAT <i>12.14.2 All current transformer secondary wiring in the LCC shall be minimum 6 mm² stranded copper and all other wiring except for instrumentation shall be a minimum 2.5 mm² stranded copper and as specified. All wiring shall be insulated for 600 volts with ETFE (Ethylene Tetrafluoroethylene) 150 °C insulation or approved equivalent.</i></p>	We recommend cable size of 4 mm ² for current transformer secondary and 1.5mm ² for all other wiring. Request an acceptance on same.	Bidder are requested to adhere to the requirement in the bidding documents.

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882.	<p>a.SECTION 2: 220kV GIS TECHNICAL SPECIFICATION Ch 1_S2_TS_220kV GIS_RAT 12.14.2 <i>All current transformer secondary wiring in the LCC shall be minimum 6 mm² stranded copper and all other wiring except for instrumentation shall be a minimum 2.5 mm² stranded copper and as specified. All wiring shall be insulated for 600 volts with ETFE (Ethylene Tetrafluoroethylene) 150 °C insulation or approved equivalent.</i></p>	<p>For the offered 400/220KV GIS, control cable material shall be FRLS (Fire Retardant Low Smoke) which also has similar properties as ETFE (Ethylene Tetrafluoroethylene). Request an acceptance on same.</p>	<p>Kindly adhere to the requirements of the bidding documents.</p>
883.	<p>a.SECTION 2: 220kV GIS TECHNICAL SPECIFICATION Ch 1_S2_TS_220kV GIS_RAT 12.14.3 <i>Wires shall be terminated using solder-less, compression type insulated ferrule , ring tongue terminals</i></p>	<p>Ring type terminals shall be provided. Request an acceptance on same.</p>	<p>Kindly adhere to the requirements of the bidding documents.</p>
884.	<p>a.SECTION 2: 220kV GIS TECHNICAL SPECIFICATION Ch 1_S2_TS_220kV GIS_RAT 12.14.3 <i>All lugs will be crimped with an approved type tool, and the indent shall be placed for continual inspection. Double lugging (two wires in one connector) is not permitted. Only one wire and lug per terminal is permitted. Connectors shall be rated for the wire size used. The use of shims to allow use of larger connectors is not acceptable</i></p>	<p>Plug type contacts shall be provided to this requirement.</p>	<p>Kindly adhere to the requirements of the bidding documents.</p>

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885.	<p>a.SECTION 2: 220kV GIS TECHNICAL SPECIFICATION</p> <p>Ch 1_S2_TS_220kV GIS_RAT <i>12.14.4 Screws, with locking device, shall be non-ferrous and corrosion-resistant Philips fillister-head metal type. All metal parts of the terminal block shall be non-ferrous and corrosion-resistant.</i></p>	<p>The make of this requirement shall be in line with manufacturers established supplier base which is in line with international standard. Request an confirmation on the same.</p>	<p>Confirmed.</p>
886.	<p>a.SECTION 2: 220kV GIS TECHNICAL SPECIFICATION</p> <p>Ch 1_S2_TS_220kV GIS_RAT <i>12.14.5 All wiring and components, including relay coils, motor controls, etc., shall be minimum 600 V AC insulation class, where applicable. Circuit breakers shall be thermal magnetic and rated a minimum of 230 Volts AC, 20 kA interrupting</i></p>	<p>For the offered circuit breakers 10 kA interrupting shall be provided. Request a confirmation on the same.</p>	<p>Kindly adhere to the requirements of the bidding documents.</p>
887.	<p>a.SECTION 2: 220kV GIS TECHNICAL SPECIFICATION</p> <p>Ch 1_S2_TS_220kV GIS_RAT <i>12.7.6 Voltage transformer secondary winding(s) shall be wired to terminal blocks located in a terminal box mounted directly on the voltage transformer. Voltage transformer secondaries shall be fused (except the neutral) or protected by circuit breakers, marked and connected through a Visible Secondary Break (VSB) disconnect device and then terminated on</i></p>	<p>We understand that Visible Secondary Break (VSB) are nothing but Miniature Circuit Breakers (MCB). Please confirm whether our understanding is correct.</p>	<p>Please refer to the answer to query #851.</p>

SN	Reference to the Bidding Document	Questions from Bidders	Response of Millennium Challenge Account Nepal (MCA-Nepal)
	<i>terminal blocks (type and model to be provided by the Employer) in the LCC.</i>		
888.	Not used.		
889.	a. SECTION 2: 220kV GIS TECHNICAL SPECIFICATION Ch 1_S2_TS_220kV GIS_RAT <i>13.2.8 e. Verification of thermal short-time current withstand</i>	For SF6/Air bushings, calculation will be provided in line with IEC 60137. Request to kindly confirm.	Confirmed.
890.	a. SECTION 2: 220kV GIS TECHNICAL SPECIFICATION Ch 1_S2_TS_220kV GIS_RAT <i>12.2.5 Buffer gas compartments shall be provided between circuit breaker current transformer compartments and the associated isolating disconnect switches; between cable sealing ends and bus runs; between gas-to-air bushings and bus runs; between voltage transformers and voltage transformer disconnecting devices, to allow maintenance to be performed on the circuit breaker, cable termination, gas-to-air bushings, or voltage transformer without having to depressurize the adjacent switching device gas compartment.</i>	Request to note that in case of repair/maintenance the faulty bay is allowable to go out of service as per IEC 62271-203. Considering the same, providing buffer compartments between each module is not envisaged. All the specific requirement of Service continuity shall be met by providing gas compartmentalization as per manufacturers type tested design	Accepted provided that service continuity is maintained.

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891.	<p>a.SECTION 2: 220kV GIS TECHNICAL SPECIFICATION</p> <p>Ch 1_S2_TS_220kV GIS_RAT <i>12.2.10 d. Ambient temperature gauge</i></p>	<p>We recommend the provision of separate temperature monitoring IR Thermometer for this requirement. Kindly confirm</p>	<p>This will be finalized during detailed design to be approved by the Engineer.</p>
892.	<p>a.SECTION 2: 220kV GIS TECHNICAL SPECIFICATION</p> <p>Ch 1_S2_TS_220kV GIS_RAT <i>12.2.14 4. Circuit Breaker and HSGS Block Level: This is the minimum gas density level at which the manufacturer will guarantee the rated fault interrupting capability of the breaker or the fault making capability of the HSGS. At this level the breaker block contact shall operate or the HSGS block contact shall operate, and the closing & tripping circuits for these switching devices shall be blocked.</i> <i>Each gas density monitoring device shall be individually adjustable and shall have electrically-independent contacts to include a slow leak detection circuit.</i></p>	<p>We require further technical details for this requirement.</p>	<p>Kindly adhere to the requirements of specification. Bidders to propose based on their experience.</p>
893.	<p>a.SECTION 2: 220kV GIS TECHNICAL SPECIFICATION</p> <p>Ch 1_S2_TS_220kV GIS_RAT <i>12.2.24 The bursting pressure of the relief device shall be effectively coordinated with the rated gas pressure and the pressure rise due to arcing as described in IEEE Std. C37.122.</i></p>	<p>The bursting pressure of the relief device shall be as per IEC 62271-203 standard</p>	<p>Accepted.</p>

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894.	a.SECTION 2: 220kV GIS TECHNICAL SPECIFICATION Ch 1_S2_TS_220kV GIS_RAT <i>12.3.17 A minimum of 20 "a" and 20 "b" auxiliary contacts shall be provided that are field reversible for the Employer's use.</i>	The Necessary contacts shall be provided using multiplier facility	Confirmed.
895.	a.SECTION 2: 220kV GIS TECHNICAL SPECIFICATION Ch 1_S2_TS_220kV GIS_RAT <i>12.6.3 All current transformers shall be multi- ratio.</i>	With reference to mentioned clause, multi ratio CTs are required but only single ratio CTs are given in SLD & Technical data sheet. Request to provide CTs with multiple ratios	Kindly adhere to the requirements of the bidding documents.
896.	a.SECTION 2: 220kV GIS TECHNICAL SPECIFICATION Ch 1_S2_TS_220kV GIS_RAT <i>13.2 All type (design) tests on the GIS and GIS components shall have been previously conducted as specified in IEC 62271 and IEEE C37.122. Type tests shall verify that all components of the GIS perform satisfactorily, both electrically and mechanically, at the ratings assigned. Reports of the type testing shall be submitted with the bid</i>	Offered GIS shall be tested in Line with IEC 62271-203	Noted.
897.	a.SECTION 2: 220kV GIS TECHNICAL SPECIFICATION Ch 1_S2_TS_220kV GIS_RAT <i>13.2.8 Specific tests on SF6 to air bushings (when applicable) are as</i>	As per IEC 60137, Artificial pollution test is not applicable. Please confirm.	Kindly adhere to the requirements of the bidding documents.

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	<p><i>follows:</i> <i>b. Artificial pollution test</i></p>		
898.	<p>a.SECTION 2: 220kV GIS TECHNICAL SPECIFICATION</p> <p>Ch 1_S2_TS_220kV GIS_RAT 2 HIGH VOLTAGE DESIGN PARAMETERS <i>System X/R (maximum) X/R = TBD (shall be finalized after study report)</i></p>	<p>Kindly provide the value for check and confirmation</p>	<p>X/R ratio value will be determined during the detailed engineering based on the Contractor's System Studies.</p>
899.	<p>a.SECTION 2: 220kV GIS TECHNICAL SPECIFICATION</p> <p>Ch 1_S2_TS_220kV GIS_RAT 1.16 Ambient temperature range: -30 up to +40°C</p>	<p>Ambient temperature range given in project specific document & technical data sheet are different. Request to provide actual Ambient temperature to be followed</p>	<p>The Ambient temperature range shall be: -30 up to +40°C</p> <p>The ambiguity in the PSR may be corrected after issuance of an addendum to the bidding document after approval from the authority.</p>
900.	<p>Lot1_RAT_PSR 1.2.1 Temperature <i>Maximum annual ambient temperature 40 °C</i> <i>Minimum annual ambient temperature 1 °C</i></p>	<p>Ambient temperature range given in project specific document & technical data sheet are different. Request to provide actual Ambient temperature to be followed</p>	<p>The Ambient temperature range shall be: -30 up to +40°C</p> <p>The ambiguity in the PSR may be corrected after issuance of addendum after approval from the authority.</p>
901.	<p>Lot 1_RAT_Base & Lot 1_RAT_Option Price Schedule 2.7.1.1 SF6 Circuit Breaker, 220kV, 4000A, 50kA, Three Pole</p>	<p>The 220kV GIS Circuit breaker shall be without controlled switching device, kindly confirm</p>	<p>Kindly adhere to the requirements of the bidding documents.</p>

SN	Reference to the Bidding Document	Questions from Bidders	Response of Millennium Challenge Account Nepal (MCA-Nepal)
902.	Lot 1_RAT_Base & Lot 1_RAT_Option <i>Price Schedule 2.7.1.9 Bay Local Control Cabinet including (device controls, instrumentation, interlocking, annunciation, gas density monitoring, circuit breaker monitoring)</i>	The Local controlled cabinet shall be provided with hardwired logic, all the necessary software-based logic shall be a part of BCU that will be incorporated in CRP. Kindly confirm if our understanding is in line with the requirements	Detailed design, subject to approval by the Engineer. It is also suggested to include switching controllers to be validated by the Engineer at the design review stage.
903.	Lot 1_RAT_Base & Lot 1_RAT_Option <i>Price Schedule 2.7.1.10 Partial Discharge Monitoring System including monitoring sensors and diagnostic equipment (per bay)</i>	PD Monitoring system shall be 1 Set applicable for complete GIS bays of the 220kV Substation. Kindly confirm	To follow technical specification. However, it is accepted a single monitoring system that will monitor all GIS compartments and apparatus
904.	Lot 1_RAT_Base & Lot 1_RAT_Option <i>Price Schedule 2.7.1.14 Three Single Phase Gas Insulated bus (GIB) and required GIS Termination along with supports for GIB run for the whole Line/Feeder : 2 Bays</i>	We infer that the unit of measurement for GIB should be in meters, the exact value of which will be shared with the technical offer. Kindly confirm	Bidders need to provide all the necessary length of GIB along with support for the required numbers of line/feeder bay. Please note that the purpose of price schedules is to identify the Bid Price which will be used to determine progress payments. The Bidder shall quote the price under the Price Schedule required to carry out the Work stated under Employer's Requirements (including technical specifications) based on the Conditions of Contract.
905.	Lot 1_RAT_Base & Lot 1_RAT_Option <i>Price Schedule 2.7.4.1220kV, Double 3 single phase (isolated), SF6 gas insulated, metal enclosed 4000A bus bars each</i>	The Unit for this item should be in Set. Kindly confirm	The price schedule is of set for each diameter. Please note that this is a turnkey project and Contractor must supply a complete and functional installation.

SN	Reference to the Bidding Document	Questions from Bidders	Response of Millennium Challenge Account Nepal (MCA-Nepal)
	<i>enclosed in three individual bus enclosures per diameter : 2 Diameter</i>		
906.	DWG_Combined_Optimized CT & VT Parameters RTE-100-1, 100-2, 100-3, 100-4	For the offered 400/220KV GIS CT, the best technically feasible burden for the offered compact design shall be 20VA. We request your review & confirmation on same.	For bidding purposes, follow the requirements on drawings and TDS. At the detailed design stage, the contractor will have to show by calculation, the appropriate burden of the CT.
907.	DWG_Combined_Optimized RTE-100-1, 100-2, 100-3, 100-4	<p>Kindly note that, for the offered 400/220KV GIS PT shall be in line with IEC standard and confirm to the following specification,</p> <p>Thermal burden : 750VA Normal VA burden : 100VA Accuracy class: winding-1 : 100VA/0.2 & winding-2 : 100VA/3P</p> <p>We request your review & confirmation on same.</p>	For bidding purposes, follow the requirements on drawings and TDS. At the detailed design stage, the contractor will have to show by calculation, the appropriate burden of the CT.
908.	BOQ Lot 1 RAT Base <i>Clause No. 2.8.1.2 Line Protection Panel - Qty 6 No.</i>	<p>As per document CH10-S1-TS- CR Panels RAT mentioned</p> <p>Clause No. 3.2. Line Protection Panels</p> <p>b. The line protection panel 1 for a 400kV line.</p> <p>c. The Line Protection panel 2 for a 400 kV line.</p> <p>Hence, Total Line Protection Panel will be 12 No.</p> <p>Kindly, confirm.</p>	<p>You are right on the basis that there will be two separate panels 1 and 2 for Main 1 and Main 2 for each line.</p> <p>Amendment to the bidding document shall be issued after obtaining authority from higher authorities.</p>

SN	Reference to the Bidding Document	Questions from Bidders	Response of Millennium Challenge Account Nepal (MCA-Nepal)
909.	<p>Ch 10 S2 TS CRProtn RAT 2. Protection Schemes 2.1. Transmission Line Protection - f. <i>Two redundant protection schemes shall be provided called Main I and Main II for 400 kV and 220 kV lines. These will provide the distance protection and differential protection schemes.</i></p>	<p>Kindly confirm the Main 1 & Main 2 Protection will be either Distance Protection or Line Differential Protection. Or both Main 1 & Main 2 will be Distance cum Line Differential Protection.</p>	<p>Kindly adhere to the requirements of the bidding documents. Both Main 1 and Main 2 will be Distance cum Line Differential Protection.</p>
910.	<p>Ch 10 S2 TS CRProtn RAT 2. Protection Schemes 2.1. Transmission Line Protection - f <i>Matching line differential relays for remote ends shall be provided, unless otherwise directed by Engineer/Employer.</i></p>	<p>Kindly, confirm make of the loose supply of matching Line Differential protection Relay should be consider for "New Hetauda Substation & Lapsipedi Substation" (if any).</p>	<p>Normally, to ensure compatibility, the Contractor should supply the exact model and type as of the other end. Rather than wait for NEA. This will be coordinated by the Engineer at the design review stage.</p>
911.	<p>BOQ Lot 1 RAT Base Clause No. 2.8.1.3 & 2.8.2.2 <i>Transformer Protection Panel (Auto Trans Bay 1=Ino,Auto Trans Bay 2=Ino) - Qnty 2 No</i></p>	<p>As per document CH10-S1-TS- CR Panels RAT mentioned Clause No. 3.3. Transformer Protection Panels b. The transformer protection panel 1 for high voltage side. c. The transformer protection panel 2 for high voltage side. Hence, Total Transformer Protection Panel will be 4 No. for clause no. 2.8.1.3 & 2.8.2.2. Kindly, confirm.</p>	<p>You are right on the basis that there will be two separate panels 1 and 2 for HV side of each 3-phase bank of 3 single phase transformers. Amendment to the bidding documents shall be issued after obtaining authority from higher authorities.</p>

SN	Reference to the Bidding Document	Questions from Bidders	Response of Millennium Challenge Account Nepal (MCA-Nepal)
912.	25 TDS CRP RAT Clause No. 2.2. Transmission Line Protection <i>2.1. Primary – Directional Overcurrent and Earth Fault Protection Scheme</i> <i>2.2. Backup – Numerical Distance Protection Scheme</i> <i>2.3. Line Over Voltage Protection Relay</i> <i>2.4. Auto Reclose Relay</i>	Kindly, confirm the Datasheet for Main 1 Protection & Main 2 Protection considering Line Differential Protection scheme & Line Distance Protection scheme.	Protection shall be based on line differential and distance protection relays that includes all other functions. Technical specifications should be followed.
913.	BOQ Lot 2 NBW Base Clause No. 2.7.1.2 Line Protection Panel - Qty 4 No	As per document CH10-S1-TS- CR Panels NBW mentioned Clause No. 3.2. Line Protection Panels b. The line protection panel 1 for a 400kV line. c. The Line Protection panel 2 for a 400 kV line. Hence, Total Line Protection Panel will be 8 No. Kindly, confirm.	You are right on the basis that there will be two separate panels 1 and 2 for Main 1 and Main 2 for each line. Amendment to the bidding document shall be issued after obtaining authority from higher authorities.
914.	Ch 10 S2 TS CRProtn NBW 2. Protection Schemes 2.1. Transmission Line Protection - f. <i>Two redundant protection schemes shall be provided called Main I and Main II for 400 kV and 220 kV lines. These will provide the distance protection and differential protection schemes</i>	Kindly confirm the Main 1 & Main 2 Protection will be either Distance Protection or Line Differential Protection. Or both Main 1 & Main 2 will be Distance cum Line Differential Protection.	Both Main 1 and Main 2 will be Distance cum Line Differential Protection.
915.	Ch 10 S2 TS CRProtn NBW 2. Protection Schemes 2.1. Transmission Line Protection - f. <i>Matching line differential relays for remote ends shall be provided, unless</i>	Kindly, confirm the make of loose supply of matching Line Differential protection Relay should be consider for Remote Substation.	Normally, to ensure compatibility, Contractor should supply the exact model and type as of the other end. Rather than wait for NEA. This will be coordinated by the Engineer at the design review stage.

SN	Reference to the Bidding Document	Questions from Bidders	Response of Millennium Challenge Account Nepal (MCA-Nepal)
	<i>otherwise directed by Engineer/Employer.</i>		
916.	BOQ Lot 1 NBW Base Clause No. 2.7.1.3 & 2.7.2.2 <i>Transformer Protection Panel - Qty 2 No.</i>	As per document CH10-S1-TS- CR Panels NBW mentioned Clause No. 3.3. Transformer Protection Panels b. The transformer protection panel 1 for high voltage side. c. The transformer protection panel 2 for high voltage side. Hence, Total Transformer Protection Panel will be 4 No. for clause no. 2.7.1.3 & 2.7.2.2. Kindly, confirm.	You are right on the basis that there will be two separate panels 1 and 2 for HV side of each 3 phase bank of 3 single phase transformers. Amendment to the bidding document shall be issued after obtaining authority from higher authorities.
917.	18 TDS CRP NBW Clause No. 22. Transmission Line Protection <i>2.1. Primary – Directional Overcurrent and Earth Fault Protection Scheme</i> <i>2.2. Backup – Numerical Distance Protection Scheme</i> <i>2.3. Line Over Voltage Protection Relay</i> <i>2.4. Auto Reclose Relay</i>	Kindly, confirm the Datasheet for Main 1 Protection & Main 2 Protection considering Line Differential Protection scheme & Line Distance Protection scheme.	Protection shall be based on line differential and distance protection relays that include all other functions. Technical specifications should be followed.
918.	BOQ Lot 2 New Damauli Clause No. 2.7.1.2 Line Protection Panel <i>- Qty 4 No</i>	As per document CH10-S1-TS- CR Panels NBW mentioned Clause No. 3.2. Line Protection Panels b. The line protection panel 1 for a 400kV line. c. The Line Protection panel 2 for a 400 kV line. Hence, Total Line Protection Panel will be 8	You are right on the basis that there will be two separate panels 1 and 2 for Main 1 and Main 2 for each line. Amendment to the bidding documents shall be issued after obtaining necessary clearance from higher authorities

SN	Reference to the Bidding Document	Questions from Bidders	Response of Millennium Challenge Account Nepal (MCA-Nepal)
		No. Kindly, confirm.	
919.	<p>Ch 10 S2 TS CRProtn NDM 2. Protection Schemes 2.1. Transmission Line Protection - f. <i>Two redundant protection schemes shall be provided called Main I and Main II for 400 kV and 220 kV lines. These will provide the distance protection and differential protection schemes.</i></p>	<p>Kindly confirm the Main 1 & Main 2 Protection will be either Distance Protection or Line Differential Protection. Or both Main 1 & Main 2 will be Distance cum Line Differential Protection.</p>	<p>Both Main 1 & Main 2 will be Distance cum Line Differential Protection.</p>
920.	<p>BOQ Lot 3 New Damauli Base Clause No. 2.7.1.3 & 2.7.2.2 <i>Transformer Protection Panel - Qty 2</i> <i>No</i></p>	<p>As per document CH10-S1-TS- CR Panels NBW mentioned Clause No. 3.3. Transformer Protection Panels b. The transformer protection panel 1 for high voltage side. c. The transformer protection panel 2 for high voltage side. Hence, Total Transformer Protection Panel will be 4 No. for clause no. 2.7.1.3 & 2.7.2.2. Kindly, confirm.</p>	<p>You are right on the basis that there will be two separate panels 1 and 2 for HV side of each 3 phase bank of 3 single phase transformers. Amendment to the bidding documents shall be issued after obtaining authority from higher authorities</p>

SN	Reference to the Bidding Document	Questions from Bidders	Response of Millennium Challenge Account Nepal (MCA-Nepal)
921.	25_TDS_CRP_NDM Clause No. 2 2. Transmission Line Protection <i>2.1. Primary – Directional Overcurrent and Earth Fault Protection Scheme</i> <i>2.2. Backup – Numerical Distance Protection Scheme</i> <i>2.3. Line Over Voltage Protection Relay</i> <i>2.4. Auto Reclose Relay</i>	Kindly, confirm the Datasheet for Main 1 Protection & Main 2 Protection considering Line Differential Protection scheme & Line Distance Protection scheme.	Protection shall be based on line differential and distance protection relays that include all other functions. Technical specifications should be followed.
922.	CH11 TS SAS RAT 12. Major Equipment 12.1. General Bay monitoring units for auxiliary system	Kindly confirm the No. of Digital Input / Digital Output / Analog Input required in SAS Bay monitoring unit for Auxiliary system	<p>The Bidder may need to estimate the number of such inputs/outputs based on the details of auxiliary system provided in the tender document. Actual number may need to be agreed between the successful bidder and the Engineer during the detailed design stage.</p> <p>The contractor has to deliver a fully functional turnkey installation. The contractor is responsible to estimate all Input/output requirements.</p>
923.	CH11 TS SAS NBW 12. Major Equipment 12.1. General Bay monitoring units for auxiliary system	Kindly confirm the No. of Digital Input / Digital Output / Analog Input required in SAS Bay monitoring unit for Auxiliary system	<p>The bidder may need to estimate the number of such inputs/outputs based on the details of auxiliary system provided in the tender document. Actual number may need to be agreed between the successful bidder and the Engineer during the detailed design stage.</p> <p>The Contractor has to deliver a fully functional turnkey installation. The</p>

SN	Reference to the Bidding Document	Questions from Bidders	Response of Millennium Challenge Account Nepal (MCA-Nepal)
			Contractor is responsible for estimating all Input/output requirements.
924.	CH11 TS SAS NDM <i>12. Major Equipment 12.1. General Bay monitoring units for auxiliary system</i>	Kindly confirm the No. of Digital Input / Digital Output / Analog Input required in SAS Bay monitoring unit for Auxiliary system	<p>The Bidder may need to estimate the number of such inputs/outputs based on the details of auxiliary system provided in the tender document. The actual number may need to be agreed between the successful bidder and the Engineer during the detailed design stage.</p> <p>The contractor has to deliver a fully functional turnkey installation. The Contractor is responsible to estimate all Input/output requirements</p>
925.	Not used.		
926.	Not used.		
927.	Ratmate <i>Existing Drawings Hetauda & Lapsephedi work</i>	Kindly provide Existing communication panels/SCADA details.	Interface will be coordinated by the Engineer at time of design review.

SN	Reference to the Bidding Document	Questions from Bidders	Response of Millennium Challenge Account Nepal (MCA-Nepal)
928.	Ratmate <i>Specification Ch 17_TS_Erection & others_RAT- Earthing System</i>	In specification, it has been mentioned, Grid of earthmat should not exceed 4X4M, & As per tender earthing layout it has been shown 10x10M earth mat grid. Pls Please confirm whether spacing should be as per design calculation or as per tender drawings/specification.	The earthing system shall be designed in accordance with the technical specifications Chapter 17: Construction specification, 1: Earthing System.
929.	Ratmate <i>Specification Earthing Conductor</i>	Bidder can be used equivalent size of MS Earthing conductor (MS rod) for Grid mat formation and risers. Kindly confirm.	No. Kindly adhere to the requirements of the bidding document in this regard.
930.	Ratmate <i>EARTHING SYSTEM 1.1.GENERAL, b</i>	The complete station earthing work shall be in accordance with the recommendation in the "Guide for Safety in Substation Grounding" IEEE Std. 80 and the requirements of this section. Conductor sizing calculation will be considered as per IEEE-80, Kindly confirm.	Design in general shall be as per IEEE-80, however Copper conductor size below 150 sq.mm. is not allowed.
931.	Ratmate <i>EARTHING SYSTEM ERT report</i>	Kindly confirm bidder's have to followed given ERT report or should be followed as per actual filling of soil as burried mat lvl is 0.6m below the FGL.	The attached ERT report is only for reference. The buried mat level and filling will be finalized in detailed engineering after approval by the Engineer.
932.	Ratmate <i>General Land Avaialbility</i>	Please confirm whether land is acquired , If yes please share contour layout (AutoCAD format) marking Boundary limits.	The S/S footprint land has been already acquired. The available kmz file may be shared as an addendum after approval from the authority.
933.	Ratmate <i>Darwing Layout & SLD</i>	Kindly provide Layout plan and associated drawings in AutoCAD format.	An addendum to the bidding document may be issued after approval from the authority to include the reference drawings in AutoCAD.

SN	Reference to the Bidding Document	Questions from Bidders	Response of Millennium Challenge Account Nepal (MCA-Nepal)
934.	Ratmate <i>Layout /Illumination Illumination of approach road</i>	Kindly confirm, Illumination of approach road is in bidder scope or in employer's scope	Illumination in the approach road is under bidder's scope of work.
935.	Ratmate <i>General Future Cable trench, Illumination & DSLP</i>	We are not considering outdoor cable trench, Illumination of switchyard & DSLP for future bays, Kindly confirm.	Outdoor cable trench, Illumination of switchyard & DSLP for future bays are not in the current scope of work of the contractor.
936.	Ratmate <i>General Earthing & fixing plate off Future , bay Future Cable trench</i>	Kindly confirm bidder's to consider future GIS module's earthing, fixing arrangement and cable trench arrangement.	Confirmed.
937.	Ratmate <i>Battery Sizing Battery & Battery charger</i>	Battery & Battery charger load consideration future bays as per OEM present load	Please follow the Chapter 8: Battery and charger specification in B1: Technical Specifications for battery and battery chargers size.
938.	Ratmate <i>3.21 RAT_PSR Permanent Residential Quarters for Owner's (NEA's) personnel</i>	We understand that quarters and its facilities included power supply, quarter illumination & its peripheral illumination. Is not in bidder's scope, Kindly confirm.	Confirmed. The Permanent Residential Quarters for Owner's (NEA's) personnel and associated facilities are not part of this bidding document.
939.	Ratmate <i>3.21 RAT_PSR Boundary wall for the entire property. Note the fence for the substation proper is in the scope of Contractor.</i>	We understand that fencing of substation area are in bidder's scope only for scope of work, Kindly confirm	The Boundary fence for the entire substation is not part of this bidding document, however the fencing work of substation footprint is under the current scope of work.
940.	Ratmate <i>BOQ/ Tender Layout Drawing Water treatment facility</i>	Kindly clarify the water treatment and overhead tank scope & Specification	MCA-Nepal may issue an addendum to the bidding document after approval of the authority to include the water treatment and overhead tank scope and specifications.

SN	Reference to the Bidding Document	Questions from Bidders	Response of Millennium Challenge Account Nepal (MCA-Nepal)
941.	Ratmate <i>Layout Drawing Line orientation of 400kV & 220kV</i>	Bidder understands there is no change in the incoming/outgoing line orientation as mentioned in tender layout. Kindly reconfirm.	The drawings represent the tentative orientations of incoming/outgoing line, however, the same can be finalized by the contractors during detailed engineering after approval by the Engineer.
942.	Ratmate <i>220kV BOQ/ Tender Layout Drawing Present Line bays for 220kV</i>	We understand that 2Nos, 220kV Line bays GIS Module are in present scope, however, please confirm line bays allocation in layout for estimation of GIB termination Bushing. Kindly confirm.	The allocation of 220 kV bay is in the scope of the contractor and shall be finalized during detailed engineering subject to approval by the Engineer.
943.	Ratmate <i>General/Dead end Gantry Line Gantry Tower/Beams</i>	Please provide force for 400kV incoming line side gantry	As the dead-end tower will be not far from gantry and further, as the conductor from DE tower to gantry will not be tensioned as in case of typical Transmission Line Towers, we do not foresee any major force coming. However, bidder may estimate the forces better based on its experience under similar conditions. Actual forces will be proposed by the successful bidder and agreed with the Engineer.
944.	Butwal <i>3.20_PSR Existing GADrawings</i>	Kindly provide Existing 220kV Butwal Existing layout, Outdoor Cable trench layout in Autocad format to facilitate ICT bay cable to new proposed CRB.	MCA-Nepal may issue an addendum to the bidding document after approval by the authority to include the available information layout, cable trench layout etc.
945.	Butwal <i>Existing Drawings 220kV Existing DSLP & EARTHING</i>	Kindly provide existing 220kV Yard Lightning protection with LM location, Earthing Mat Details drawing for Butwal Substation, In AutoCAD format.	MCA-Nepal may issue an addendum to the bidding document after approval by the authority to include the available Lightning protection and LM location, earthing mats details drawings.
946.	Butwal <i>Existing Drawings 220kV Existing Structural drawing</i>	Kindly provide existing 220kV Structure tower and beam drawing, In AutoCAD format. To estimate requirement 220kV baem and tower scope of supply.	MCA-Nepal may issue an addendum to the bidding document after approval by the authority to include the 220 kV structure tower and beam drawings if available.

SN	Reference to the Bidding Document	Questions from Bidders	Response of Millennium Challenge Account Nepal (MCA-Nepal)
947.	Butwal <i>Existing Drawings AC/DC feeders details (dual source) from BMK/ Illumination</i>	Please provide existing BMK/AC/DC feeder details for 220kV AIS Equipment & Illumination layout of 220kV existing yard.	MCA-Nepal may issue an addendum to the bidding document after approval by the authority to include the AC/DC feeder details if available.
948.	Butwal <i>Specification Ch 17_TS_Erection & others_RAT- Earthing System</i>	In specification, it has been mentioned, Grid of earthmat should not exceed 4X4M, & As per tender earthing layout it has been shown 8x8M earthmat grid. Pls Please confirm whether spacing should be as per design calculation or as per tender drawings/specification.	The earthing system shall be designed in accordance with the technical specifications Chapter 17: Construction specification, 1: Earthing System.
949.	Butwal <i>Specification Earthing Conductor</i>	Bidder can be used equivalent size of MS Earthing conductor (MS rod) for Grid mat formation and risers. Kindly confirm.	No. Kindly adhere to the requirements of the bidding document.
950.	Butwal <i>EARTHING SYSTEM 1.1.GENERAL, b</i>	The complete station earthing work shall be in accordance with the recommendation in the "Guide for Safety in Substation Grounding" IEEE Std. 80 and the requirements of this section. Conductor sizing calculation will be considered as per IEEE-80, Kindly confirm.	The earthing system shall be designed in accordance with the technical specifications Chapter 17: Construction specification, 1: Earthing System.
951.	Butwal <i>EARTHING SYSTEM ERT report</i>	Kindly confirm bidder's have to followed given ERT report or should be followed as per actual filling of soil as burried mat lvl is 0.6m below the FGL.	The attached ERT report of only for reference. The buried mat level and filling will be finalized in detailed engineering after approval by the Engineer.

SN	Reference to the Bidding Document	Questions from Bidders	Response of Millennium Challenge Account Nepal (MCA-Nepal)
952.	Butwal <i>General Land Availability</i>	Please confirm whether land is acquired , If yes please share contour layout (AutoCAD format) marking Boundary limits.	The land at New Butwal Substation will be available. MCA-Nepal has already issued the drawings (PDF) and KMZ (through addendum to show the boundary limit and other information).
953.	Butwal <i>Darwing Layout & SLD</i>	Kindly provide Layout plan and associated drawings in AutoCAD format.	An addendum to the bidding document may be issued after approval by the authority to include the reference drawings in AutoCAD.
954.	Butwal <i>Layout /Illumination Illumination of approach road</i>	Kindly confirm, Illumination of approach road is in bidder scope or in employer's scope	Illumination of approach road is in bidder scope. The exact requirement of illumination will be finalized and coordinated by the Engineer.
955.	Butwal <i>General Future Cable trench, Illumination & DSLP</i>	We are not considering outdoor cable trench, Illumination of switchyard & DSLP for future bays, Kindly confirm.	Outdoor cable trench, Illumination of switchyard & DSLP for future bays are not in the current scope of work.
956.	Butwal <i>General Earthing & fixing plate off Future , bay Future Cable trench</i>	Kindly confirm bidder's to consider future GIS module's earthing, fixing arrangement and cable trench arrangement.	Confirmed.
957.	Butwal <i>Battery Sizing Battery & Battery charger</i>	Battery & Battery charger load consideration future bays as per OEM present load.	Please follow the Chapter 8: Battery and charger specification in B1: Technical Specifications for battery and battery chargers size
958.	Butwal <i>3.20 _PSR Permanent Residential Quarters for Owner's (NEA's)' personnel.</i>	We understand that quarters and its facilities included power supply, quareter illumination & its peripheral illumination. Is not in bidder's scope, Kindly confirm.	Confirmed. The Permanent Residential Quarters for Owner's (NEA's)' personnel and associated facilities are not part of this bidding documents.

SN	Reference to the Bidding Document	Questions from Bidders	Response of Millennium Challenge Account Nepal (MCA-Nepal)
959.	Butwal <i>3.20_PSR Boundary wall for the entire property. Note the fence for the substation proper is in the scope of Contractor</i>	We understand that fencing of substation area are in bidder's scope only for scope of work, Kindly confirm	Confirmed. Fencing of substation area is in bidder's scope.
960.	Butwal <i>BOQ/ Tender Layout Drawing Water treatment facility</i>	Kindly clarify the water treatment and overhead tank scope & Specification	MCA-Nepal may issue an addendum to the bidding document after approval by the authority to include the water treatment and overhead tank scope and specifications.
961.	Butwal <i>Layout Drawing Line orientation of 400kV</i>	Bidder understand there is no change in the incoming/outgoing line orientation as mentioned in tender layout. Kindly reconfirm.	The drawings represent the tentative orientations of incoming/outgoing line, however, the same can be finalized by the contractors during detailed engineering after approval by the Engineer.
962.	Butwal <i>General/Dead end Gantry Line Gantry Tower/Beams</i>	Please provide force for 400kV incoming line side gantry	The design of the incoming gantry is in the current scope of work and force can be finalized in detailed engineering with approval by the Engineer.
963.	Damauli <i>Specification Ch 17_TS_Erection & others_RAT- Earthing System</i>	In specification, it has been mentioned, Grid of earthmat should not exceed 4X4M, & As per tender earthing layout it has been shown 6x6M earthmat grid. Pls Please confirm whether spacing should be as per design calculation or as per tender drawings/specification.	The earthing system shall be designed in accordance with the technical specifications Chapter 17: Construction specification, 1: Earthing System.
964.	Damauli <i>Specification Earthing Conductor</i>	Bidder can be used equivalent size of MS Earthing conductor (MS rod) for Grid mat formation and risers. Kindly confirm.	No. Kindly adhere to the requirements of the bidding document.

SN	Reference to the Bidding Document	Questions from Bidders	Response of Millennium Challenge Account Nepal (MCA-Nepal)
965.	Damauli <i>EARTHING SYSTEM 1.1.GENERAL, b</i>	The complete station earthing work shall be in accordance with the recommendation in the "Guide for Safety in Substation Grounding" IEEE Std. 80 and the requirements of this section. Conductor sizing calculation will be considered as per IEEE-80, Kindly confirm.	The earthing system shall be designed in accordance with the technical specifications Chapter 17: Construction specification, 1: Earthing System.
966.	Damauli <i>EARTHING SYSTEM ERT report</i>	Kindly confirm bidder's have to followed given ERT report or should be followed as per actual filling of soil as burried mat lvl is 0.6m below the FGL.	The attached ERT report is only for reference. The buried mat level and filling will be finalized in detailed engineering after approval by the Engineer.
967.	Damauli <i>General Land Avaialbility</i>	Please confirm whether land is acquired, If yes please share contour layout (AutoCAD format) marking Boundary limits.	The S/S footprint land has been already acquired. The available kmz file may be shared as an addendum to the bidding document after approval from the authority.
968.	Damauli <i>Darwing Layout & SLD</i>	Kindly provide Layout plan and associated drawings in AutoCAD format.	An addendum to the bidding document may be issued after approval from the authority to include the reference drawings in AutoCAD.
969.	Damauli <i>Layout /Illumination Illumination of approach road</i>	Kindly confirm, Illumination of approach road is in bidder scope or in employer's scope	Illumination in the approach road is under the bidder's scope.
970.	Damauli <i>General Future Cable trench, Illumination & DSLP</i>	We are not considering outdoor cable trench, Illumination of switchyard & DSLP for future bays, Kindly confirm.	Outdoor cable trench, Illumination of switchyard & DSLP for future bays are not in the current scope of work of the contractor.

SN	Reference to the Bidding Document	Questions from Bidders	Response of Millennium Challenge Account Nepal (MCA-Nepal)
971.	Damauli <i>General Earthing & fixing plate off Future , bay Future Cable trench</i>	Kindly confirm bidder's to consider future GIS module's earthing, fixing arrangement and cable trench arrangement.	Confirmed.
972.	Damauli <i>Battery Sizing Battery & Battery charger</i>	Battery & Battery charger load consideration future bays as per OEM present load	Please follow the Chapter 8:Battery and charger specification in B1: Technical Specifications for battery and battery chargers size
973.	Damauli <i>3.20_PSR Permanent Residential Quarters for Owner's (NEA's)' personnel.</i>	We understand that quarters and its facilities included power supply, quarter illumination & its peripheral illumination. Is not in bidder's scope, Kindly confirm.	Confirmed. The Permanent Residential Quarters for Owner's (NEA's)' personnel and associated facilities are not part of this bidding document.
974.	Damauli <i>3.20_PSR Boundary wall for the entire property. Note the fence for the substation proper is in the scope of Contractor</i>	We understand that fencing of substation area are in bidder's scope only for scope of work, Kindly confirm	The Boundary fence for the entire substation is not part of this bidding document, however the fencing work of substation footprint is under the current scope of work.
975.	Damauli <i>BOQ/ Tender Layout Drawing Water treatment facility</i>	Kindly clarify the water treatment and overhead tank scope & Specification	MCA-Nepal may issue an addendum to the bidding document after approval by the authority to include the water treatment and overhead tank scope and specifications.
976.	Damauli <i>Layout Drawing Line orientation of 400kV</i>	We consider the incoming/outgoing line orientation as mentioned in tender layout. Kindly reconfirm.	The drawings represent the tentative orientations of incoming/outgoing line, however, the same can be finalized by the contractors during detailed engineering after approval by the Engineer.
977.	Damauli <i>General/Dead end Gantry Line Gantry Tower/Beams</i>	Please provide force for 400kV incoming line side gantry	As the dead-end tower will be not far from gantry and further as the conductor from DE tower to gantry will not be tensioned as in case of typical Transmission Line Towers, we do not foresee any major force

SN	Reference to the Bidding Document	Questions from Bidders	Response of Millennium Challenge Account Nepal (MCA-Nepal)
			coming. However, the bidder may estimate the forces better based on its experience under similar conditions. Actual forces will be calculated and proposed by the successful bidder and agreed with Engineer.
978.	Damauli <i>220kV cable 220kV cable between GIS & Auto transformer</i>	We understand that 220kV , 2000sqmm copper cable supply , laying , termination and cable testing are in bidder's scope only, no any cable trench RCC/Burried in bidder's scope.	220 kV cable between GIS & Autotransformers including supply laying in cable trench, terminations, cable testing with construction of cable trench is in the bidders scope of works.
979.	Butwal <i>Price Schedule 1 - Design Design Study for Existing 220kV AIS Switchgear.</i>	Bidder understand New 2 nos. 220kV AIS bays shall be matched with existing 220kV AIS Substation. Customer will provide existing drawing during execution. Hence Design Study for 2 nos.(New) 220kV AIS bays is not part of scope except Relay Setting calculation etc. Please confirm.	As this is a design & build contract, the design of this scope of supply is under the current scope of work. So, the design shall be done to make compatibility with the existing system with approval by the Engineer.
980.	General Standard Technical <i>Specificaion of Ratmate, Butwal and Damauli</i>	Please confirm if any mismatch between standard Technical Specification of Ratmate / Butwal and Damauli.	The Bidders are requested to send the specific queries to locate the mismatch in the said documents if any.

SN	Reference to the Bidding Document	Questions from Bidders	Response of Millennium Challenge Account Nepal (MCA-Nepal)
981.	<i>Not used.</i>		
982.	Each Lot <i>General 3-Phase 11 kV Horn Gap Fuse</i>	Please provide technical specification for 3-Phase 11 kV ..	There is no 11 kV system in this scope of supply and hence MCA-Nepal may issue an addendum to the bidding document after approval from the authority to remove the 11 kV Horn Gap Fuse in the price Schedule.
983.	Each Lot <i>General 220kV CT</i>	As per BOQ 5 core CT is required, whereas TDS specifies only 3 core. Please confirm actual requirement.	As per the price schedule it is three core CT. Please refer to the Price Schedule.
984.	BASE & OPTION <i>BDS/ITB 35.1 the evaluation of Bids shall be based on total cost of Base scope plus Option scope of work, the Employer reserves the right to exercise either Base Scope of work or Option scope of works or Base scope plus a portion of option scope of work.</i>	As per Tender the OPTION Scope is nothing but BASE scope + Future GIS bays and associated CRP/ Cable/ ETC etc. As mentioned in the clause the evaluation will be done on the basis of TOTAL of BASE + OPTION. Here BASE is being added twice + Future Scope for Price Bid evaluation. It means Evaluation of Price bid is for Bidder to Bidder comparison. Not for BASE to BASE or OPTION to OPTION. If customer award Contract no. 2 based on BASE price and Contract 2 based on OPTION price, then	Bidder is requested to refer Addendum#2 to check the changes in the provision. The scope of work has been classified into two categories. (i) Base Scope of work , (ii) Option Scope of work with some additional work in the Base Scope of work Further, evaluation will be based on total cost of Option Scope of work and the contract price cannot go beyond Option Scope of Work. First of all, the provision of

SN	Reference to the Bidding Document	Questions from Bidders	Response of Millennium Challenge Account Nepal (MCA-Nepal)
		<p>how SF (Score of Finance) is satisfy the evaluation process. e.g.: Bidder "A" submitting BASE Price \$ 40 & OPTION \$60 Total \$100 Bidder "B" submitting BASE Price \$ 30 & OPTION \$75 Total \$105 Bidder "A" is getting better SF and become L1. Customer intent to award BASE Scope and asking Bidder "A" to meet the lowest price of Bidder B. Bidder request to amend the SF Scoring with Separate evaluation of BASE & OPTION Price proposal.</p>	<p>the Bid is not based on lowest evaluated Bid Price but based on Quality and Priced Based Selection (QPBS). MCA-Nepal will implement Option Scope of work, however if some reason decides to exercise only Base Scope of work after the Contract award, the Price of Base Scope of work will be used. However, the price should be reasonable as per MCC Program Procurement Guidelines.</p>
985.	<p><i>d SPECIFIC PROCUREMENT NOTICE (SPN)</i> <i>MCC's funding is appropriated by the U.S. Congress and obligated to the compact up-front, with no incremental or partial funding. So, when a contract is signed with an MCA Entity, money is already available to the MCA Entity and, for most contracts, invoices are paid directly to Contractors/Consultants/Suppliers by the US Treasury.</i> <i>The Nepal Compact's "Entry into Force" (EIF) is expected in August 2023 and the Contract resulting from this procurement shall be awarded only after EIF.</i></p>	<p>We understand that contract shall be awarded by Millennium Challenge Account Nepal (MCA-Nepal) & billing / invoicing shall also be done to the same entity i.e. Millennium Challenge Account Nepal (MCA-Nepal). Please confirm.</p>	<p>Confirmed. The Employer under the contract will be Millennium Challenge Account Nepal (MCA-Nepal).</p>
986.	<p><i>SPN and ITB SPECIFIC PROCUREMENT NOTICE (SPN)</i></p>	<p>As All the payment would be received from Millennium Challenge Corporation (MCC), USA. Therefore, request you to share the bank account details & also the payment</p>	<p>The issue does not need any clarification at this stage. The only required details will be shared with the winning bidder at the time of signing of the Contract.</p>

SN	Reference to the Bidding Document	Questions from Bidders	Response of Millennium Challenge Account Nepal (MCA-Nepal)
		mode & method from where & how payment would be processed by MCC, USA.Please confirm.	
987.	<i>SPN SPECIFIC PROCUREMENT NOTICE (SPN)</i>	<p>The Nepal Compact’s Entry into force (EIF) is expected in August 2023 and the Contract resulting from this procurement shall be awarded only after EIF. MCA Nepal is responsible to complete the projects under the Compact within five years from the date of entry into EIF and US funds will not be available after five years, counted from the start of implementation. The project duration is 1190 days from the commencement date.</p> <p>With respect to the above, If the Contract gets delayed beyond compact duration of five years, then whether Contractor will be entitled for payment for work done till date and for the cost incurred till date. Please confirm.</p>	MCC Nepal Compact has two sources of funding: MCC funding of USD 500 million and GoN funding of USD 197 million. The Contractor shall be entitled to receive payments for all the completed activities as per the provisions of the Contract.

SN	Reference to the Bidding Document	Questions from Bidders	Response of Millennium Challenge Account Nepal (MCA-Nepal)
988.	<i>SPN SPECIFIC PROCUREMENT NOTICE (SPN)</i>	<p>The Nepal Compact’s Entry into force (EIF) is expected in August 2023 and the Contract resulting from this procurement shall be awarded only after EIF. MCA Nepal is responsible to complete the projects under the Compact within five years from the date of entry into EIF And US funds will not be available after five years, counted from the start of implementation.The project duration is 1190 days from the commencement date.With respect to the above, if the project gets delayed beyond compact duration of five years, what will be the Contractual implications.</p>	<p>Depending on the status of project progress, MCA-Nepal may assign the Contract to a Government Entity as per PCC Sub-Clause 1.7 or decide to terminate the Contract as per PCC Sub-Clause 15.2.</p>
989.	<i>SPN SPECIFIC PROCUREMENT NOTICE (SPN)</i>	<p>The Nepal Compact’s Entry into force (EIF) is expected in August 2023 and the Contract resulting from this procurement shall be awarded only after EIF. MCA Nepal is responsible to complete the projects under the Compact within five years from the date of entry into EIF And US funds will not be available after five years, counted from the start of implementation. The project duration is 1190 days from the commencement date.</p> <p>With respect to the above, if the project gets delayed beyond five years, then whether the Compact period can be extended. Please confirm.</p>	<p>The Compact duration is not expected to be extended.</p>

SN	Reference to the Bidding Document	Questions from Bidders	Response of Millennium Challenge Account Nepal (MCA-Nepal)
990.	<i>Section 4 Form CON-2: Compliance with Sanctions Certification Form</i>	Request you to provide the guidance for filling this Bid Schedule.	<p>Please go through the details provided under Form CON-2: Compliance with Sanctions Certification Form and follow the instruction.</p> <p>Please note that you are required to check your name, your Joint Venture Partner name (if applicable), your supplier's name and your proposed personnel name on the listed 8 websites. Any organization or person debarred/banned/sanctioned on these sites should not be proposed or submit the bid.</p> <p>Name in the table, Date the website checked (on top of the table need to be inserted), If eligible, "Y" need to be inserted for each person for each site and at the last column "Y" need to be inserted if the person or organization is eligible.</p> <p>This table, plus filled form under CON-2 need to be submitted with evidence of website checked "print out for each staff member, consultant, subcontractor, vendor, supplier, or grantee the search results page for each eligibility verification source"</p> <p>In case of any discrepancy between any statement here and CON-2, CON-2 shall prevail and thus, you are requested to go through CON-2 in detail.</p>

SN	Reference to the Bidding Document	Questions from Bidders	Response of Millennium Challenge Account Nepal (MCA-Nepal)
991.	<i>Section 4 Form CON-2: Compliance with Sanctions Certification Form</i>	Is there any maximum limit for key personnel, subcontractors, vendors, suppliers, and grantees For the verifications of the eligibility of key personnel, subcontractors, vendors, suppliers, and grantees, for Annex A “Additional Provisions,” Paragraph G “Compliance with Terrorist Financing Legislation and Other Restrictions??Please confirm.	The Bidder are required to check the details of Annex A “Additional Provisions”. The bidder should carryout eligibility verification for themselves (in case of JV all JV partners) the staff member, consultant, subcontractor, vendor, supplier, or grantee, which Bidder is proposing for the works.

SN	Reference to the Bidding Document	Questions from Bidders	Response of Millennium Challenge Account Nepal (MCA-Nepal)
992.	<p><i>Section 4 Form CON-2: Compliance with Sanctions Certification Form</i> <i>In satisfaction of Clause G of the Additional Provisions at Annex A of the Contract, this form is to be completed by the Bidder upon submission of the Bid and, if selected, by the Contractor initially, within 28 days of receipt of Letter of Acceptance and Contract Agreement, and subsequently thereafter on the last business day prior to the last day of each quarter (March 31, June 30, September 30, December 31) after the signature of an MCC-Funded Contract19, for the duration of the Contract.</i> <i>The form is to be submitted to the MCA Procurement Agent at the time of Bid submission, and to the MCA Entity Fiscal Agent thereafter (MCANepalPA@dt-global.com (Procurement Agent) and babken.mnatsakanyan@dt-global.com (Fiscal Agent)) with a copy to MCC at: sanctionscompliance@mcc.gov.</i> <i>For the avoidance of doubt, pursuant to the MCC Program Procurement Guidelines, reporting the provision of material support or resources (as defined below) to an</i> <i>..... Contractor to criminal, civil, or administrative remedies as appropriate under U.S. law.</i></p>	<p>We understand that this Bid Schedule- Form CON-2: Compliance with Sanctions Certification Form shall be submitted during the Contract Award stage only and not along with bid. Please confirm.</p>	<p>Your understanding is not correct. The Filled Form, Filled Table with evidence shall be submitted to the MCA Procurement Agent at the time of Bid submission, and to the MCA Entity Fiscal Agent thereafter (MCANepalPA@dt-global.com (Procurement Agent) and babken.mnatsakanyan@dt-global.com (Fiscal Agent)) with a copy to MCC at: sanctionscompliance@mcc.gov. The first paragraphs in CON-2</p> <p>It is advisable to also include the duly filled CON-2 form with your bid.</p>

SN	Reference to the Bidding Document	Questions from Bidders	Response of Millennium Challenge Account Nepal (MCA-Nepal)
993.	<p>BDS ITB BDS 31.2B <i>The total amount of the Performance Security may be increased to a level not exceeding 20% of the Accepted Contract Amount.</i></p>	<p>Please share your calculation for arriving the Calculation of PBG (Performance Bank Guarantee) to 20%.</p>	<p>The calculation is not available for sharing with the Bidders.</p>
994.	<p>BDS BDS- ITB-15.6a <i>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 Goods, Material, Plant and Equipment to Works Site.</i></p>	<p>Request you to change the INCOTERMS to CIP Project site, Nepal as all the taxes and duties are exempt for this project.</p>	<p>Your request is not accepted. The Bidding Document provision will not change.</p>

SN	Reference to the Bidding Document	Questions from Bidders	Response of Millennium Challenge Account Nepal (MCA-Nepal)
995.	<p><i>Section 4 Letter of Financial Offer Point no.2: We estimate% [insert percentage if Bidder wants to get part of the payment in Local currency for making local payment] of our Contract Price to be paid in Local Currency (Nepalese Rupees) at prevailing exchange rate (buying) of Nepal Rastra Bank on the date of submitted Request for Interim/Final Payment Certificate/invoice.</i></p>	<p>If the Contractor chooses to get the payment for local currency in Nepalese Currency (NPR), then the onshore supply and services invoices raised by Contractor shall be in NPR only. Please confirm.</p>	<p>No. If the Bidder wants to be paid a percentage of the total Contract Price in NPR during contract implementation, they should include this percentage in the Letter of Financial Offer. The Letter of Financial Offer includes detailed language on payments in local currency.</p>

SN	Reference to the Bidding Document	Questions from Bidders	Response of Millennium Challenge Account Nepal (MCA-Nepal)
996.	<p>Section 3 Section III: Qualification and Evaluation Criteria <i>Point no.11 Annual Average Turnover</i> <i>Minimum average annual construction turnover of</i> <i>Lot 1: US\$85 Million</i> <i>Lot 2: US\$52 Million</i> <i>Lot 3: US\$54 Million</i> <i>,calculated as total certified payments received for contracts in progress or completed, within the last three (3) years. Values to determine annual construction turnover are to be demonstrated in the audited financial statements (income statements) of the last three (3) years and..... for the lots in consideration.</i></p> <p><i>2. Minimum average annual design turnover of Lot 1: US\$ 150,000</i> <i>Lot 2: US\$ 100,000</i> <i>Lot 3: US\$ 100,000,</i> <i>Calculated. as total certified payments received for contracts in progress or completed, within the last three (3) years. Values to determine annual design turnover are to be demonstrated in the audited financial the bidder needs to satisfy the total requirements for the lots in consideration.</i></p>	<p>If the Bidder is quoting for all the lots, then we understand that the bidder needs to satisfy the total requirements for the lots in consideration i.e.cummulative individually Please confirm.</p>	<p>Please check section III which states “Multiple lots (contracts) if a Bidder submits successful Bids for multiple lots (contracts), the qualification review will also include an assessment of the Bidder’s capacity to meet the aggregate qualification requirements”, also please check “Qualifications - Documents Establishing the Qualifications of the Bidder”.</p>

SN	Reference to the Bidding Document	Questions from Bidders	Response of Millennium Challenge Account Nepal (MCA-Nepal)
997.	Section 3 Section III: Qualification and Evaluation Criteria	If the Bidder participates in JV and all the partners are fulfilling the QR, then whether it is necessary to appoint Lead JV partner. Please confirm.	Yes. Please read the provision on Joint Ventures stated in the Bidding Document, which offers detailed information on the requirements regarding Joint Ventures.
998.	Section 4 Price Schedules	Do we need to consider any taxes and duties in the Price Bid Schedules. Please confirm.	<p>Please refer Price Schedule No. 5 : Grand Summary. Output VAT (if applicable) should be included.</p> <p>Additionally, bidders are requested to note the Contract provisions on exemption of taxes. 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.</p> <p>All the Bidders 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 other taxes mentioned in Schedule VII of the Compact.</p>
999.	Section 4 - Grand Summary 5 Price Schedules	Do we need to consider any VAT in the Price Bid Schedules. Please confirm. Please confirm the VAT Rate.	Please refer Price Schedule No. 5 : Grand Summary. Output VAT (if applicable) should be included.

SN	Reference to the Bidding Document	Questions from Bidders	Response of Millennium Challenge Account Nepal (MCA-Nepal)
			<p>Additionally, bidders are requested to note the Contract provisions on exemption of taxes. 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.</p> <p>All the Bidders 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 other taxes mentioned in Schedule VII of the Compact.</p> <p>The current VAT rate in Nepal is 13% under Nepal’s VAT Act. It is GoN’s prerogative to change tax rates from time to time. The bidders are requested to carry out their own due diligences and perform their own assessment about Nepal’s laws and taxes before submitting their Bid.</p>

SN	Reference to the Bidding Document	Questions from Bidders	Response of Millennium Challenge Account Nepal (MCA-Nepal)
1000.	<i>Section 4 Letter of Financial Offer Point no.2: We estimate% [insert percentage if Bidder wants to get part of the payment in Local currency for making local payment] of our Contract Price to be paid in Local Currency (Nepalese Rupees) at prevailing exchange rate (buying) of Nepal Rastra Bank on the date of submitted Request for Interim/Final Payment Certificate/invoice.</i>	We understand that Invoices for the Onshore portion to be raised in local NPR currency. Please confirm.	Not confirmed. If the Bidder wants to be paid a percentage of total Contract Price in NPR during contract implementation, they should include this percentage in Letter of Financial Offer. The Letter of Financial Offer includes detailed language on payments in local currency.
1001.	<i>Section 4 Appendix to Letter of Financial Offer Commencement date</i>	Please provide the definition of Commencement date	Please refer GCC Sub-Clause 1.1.3.2 and 8.1.
1002.	<i>Section 4 Appendix to Letter of Financial Offer Interpretation 1.2 Profit shall be: 5% (five percent) percent of the Cost.</i>	Please elaborate what is 5% profit.	Please refer PCC Sub-Clause 1.2.

SN	Reference to the Bidding Document	Questions from Bidders	Response of Millennium Challenge Account Nepal (MCA-Nepal)
1003.	<p>Section 4 Engineer's Duties and Authority</p> <p>3.1i <i>Engineer's authority to instruct a Variation is limited to: up to ten percent (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).</i></p> <p>3.1ii <i>Engineer's authority to approve a proposal for Variation submitted by the Contractor is limited to: up to ten percent (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).</i></p>	<p>What will happen in case the Variation amount goes beyond 1%. Will this be considered as a Variation order?? Please confirm.</p>	<p>An instruction issued under GCC 13 to the Contractor for the execution of a variation could be more than 1% of the Contract Price. However, the Engineer shall obtain the specific approval of the Employer before issuing such instruction.</p>

SN	Reference to the Bidding Document	Questions from Bidders	Response of Millennium Challenge Account Nepal (MCA-Nepal)
1004.	<p>Section 4 Engineer's Duties and Authority 3.1i Engineer's authority to instruct a Variation is limited to: up to ten percent (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). 3.1ii Engineer's authority to approve a proposal for Variation submitted by the Contractor is limited to: up to ten percent (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>What will happen in case the Variation amount goes beyond 10%. Will this be considered as a Variation order?? Please confirm.</p>	<p>An instruction issued under GCC 13 to the Contractor to execute a variation could be more than 1% of the Contract Price. However, the Engineer shall obtain the specific approval of the Employer before issuing such instruction.</p>
1005.	<p>Section 4 Delay Damages 8.7 The damages for delays shall be as follows: Lot 1: 400kV Ratmate Substation and works at Lapsiphedi and New Hetauda Substations 0.1 percent of the final Contract Price per day in the currencies and proportions in which the Contract Price is payable. Lot 2: 400kV New Butwal Substation 0.1 percent of the final Contract Price per day in the currencies and proportions</p>	<p>We understand that for the purpose of LD calculation, 5 working days are considered in a week. Please confirm.</p>	<p>Liquidated Damage provision is for per day and not per week. GCC defines " day" as a calendar day"</p>

SN	Reference to the Bidding Document	Questions from Bidders	Response of Millennium Challenge Account Nepal (MCA-Nepal)
	<p><i>in which the Contract Price is payable.</i></p> <p><i>Lot 3: New 400kV New Damauli Substation 0.1 percent of the final Contract Price per day in the currencies and proportions in which the Contract Price is payable.</i></p> <p><i>Maximum amount of delay damages shall be:</i></p> <p><i>Lot 1: 400kV Ratmate Substation and works at Lapsiphedhi and New Hetauda Substations</i></p> <p><i>10% of the Contract price</i></p> <p><i>Lot 2: Lot 2: 400kV New Butwal Substation</i></p> <p><i>10% of the Contract price</i></p> <p><i>Lot 3: New 400kV New Damauli Substation</i></p> <p><i>10% of the Coract price</i></p>		
1006.	<p>Section 4 Provisional Sums 13.5(b)(ii)</p> <p><i>Percentage for overhead charges and profit for adjustment of Provisional Sums shall be: five percent (5%).</i></p>	Please clarify this clause.	Please refer GCC 13.5 for detail.
1007.	<p>Section 4 Delayed Payment 14.8</p> <p><i>Financing charges shall be: For US Dollars, London Inter-bank Lending Rate (LIBOR) plus one percent (1%) per year.</i></p>	<p>Please modify the existing clause as mentioned below:</p> <p>Delayed Payment 14.8 Financing charges shall be: For US Dollars, London Inter-bank Lending Rate (LIBOR) plus one percent (1%) per month year.</p>	The Bidding Document shall not be amended.

SN	Reference to the Bidding Document	Questions from Bidders	Response of Millennium Challenge Account Nepal (MCA-Nepal)
1008.	<p>Section 4 Insurance for Works and Contractor's Equipment</p> <p><i>18.2 Deductibles per occurrence shall not exceed: US\$ 100,000 per occurrence.</i></p>	Please delete	The Bidding Document shall not be amended.
1009.	<p>Section 4 Insurance against Injury to Persons and Damage to Property</p> <p><i>18.3 Limit per occurrence shall not be less than: US\$ 5,000,000 per occurrence.</i></p>	Please delete	The Bidding Document shall not be amended.
1010.	Section 4 Taxes and Duties Notification	Taxes and Duties are exempt under which notification. Please share the relevant document.	<p>Section 2.8 of the Compact clearly mentions as follows: <i>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, contributions or other similar charges (but not fees or charges for services that are generally applicable in Nepal, reasonable in amount and imposed on a non-discriminatory basis) ("Taxes")...</i></p> <p>All the Bidders 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 other taxes mentioned in Schedule VII of the Compact.</p>

SN	Reference to the Bidding Document	Questions from Bidders	Response of Millennium Challenge Account Nepal (MCA-Nepal)
1011.	<p>Section 4 <i>Payment terms: Notes point no.2</i> <i>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 Goods, Material, Plant and Equipment to Works Site. The bidder shall include all cost in their bid price. During Contract implementation, Employer shall not be responsible for paying any extra/additional cost. The successful bidder/Contractor shall be required to submit Pro forma invoice 60 days before arrival of Equipment/Goods to Nepal border and the delivered items</i></p>	<p>We understand that all the taxes and duties including Customs duty, VAT, TDS, Income tax are exempt for this project. Please confirm.</p>	<p>Section 2.8 of the Compact clearly mentions as follows: <i>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, contributions or other similar charges (but not fees or charges for services that are generally applicable in Nepal, reasonable in amount and imposed on a non-discriminatory basis) (“Taxes”)...</i></p> <p>The Bidders 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 other taxes mentioned in Schedule VII of the Compact read along with Section 2.8.</p>

SN	Reference to the Bidding Document	Questions from Bidders	Response of Millennium Challenge Account Nepal (MCA-Nepal)
	<i>shall be exactly same with Pro forma invoice</i>		
1012.	<i>SPN SPECIFIC PROCUREMENT NOTICE (SPN)</i>	As per Compact agreement, Custom duty, VAT, Income tax, TDS is exempted. This tax exemption shall be applicable throughout the project. In case of any deviations, the same shall be in Employer scope.	<p>Section 2.8 of the Compact clearly mentions as follows: <i>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, contributions or other similar charges (but not fees or charges for services that are generally applicable in Nepal, reasonable in amount and imposed on a non-discriminatory basis) (“Taxes”)...</i></p> <p>The Bidders 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 other taxes mentioned in Schedule VII of the Compact read along with Section 2.8.</p>
1013.	<i>Price Schedule</i>	We understand that taxes and duties shall not be considered in the Bid Prices Schedule. Please confirm.	<p>Section 2.8 of the Compact clearly mentions as follows: <i>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, contributions or other similar charges (but not fees or</i></p>

SN	Reference to the Bidding Document	Questions from Bidders	Response of Millennium Challenge Account Nepal (MCA-Nepal)
			<p><i>charges for services that are generally applicable in Nepal, reasonable in amount and imposed on a non-discriminatory basis) (“Taxes”)...</i></p> <p>The Bidders 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 other taxes mentioned in Schedule VII of the Compact read along with Section 2.8.</p>
1014.	Section 7 PCC Sub-Clause 1.7 <i>Assignment</i>	Please delete this complete clause.	The Bidding Document shall not be amended.
1015.	<p>Section 7 PCC Sub-Clause 15.2 <i>Termination by Employer</i> <i>Amend Subpara. (e) of Sub-Clause 15.2 by deleting the word “or” at the end.</i> <i>Amend Subpara. (f) of Sub-Clause 15.2 by replacing the period at the end with a comma.</i> <i>Amend Sub-Clause 15.2 by adding the following immediately after the text of Subpara. (f):</i> <i>“(g) if the Contractor, in the judgment of the Employer or MCC, 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</i></p>	<p>We understand that validity of Compact agreement shall be extended in case the project is delayed for the reasons attributable to Employer. Please confirm.</p>	The Compact duration is not expected to be extended.

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	<p><i>“(h) if the Compact expires, is suspended or terminates in whole or in part in accordance with the terms of the Compact.”</i></p> <p><i>Amend Sub-Clause 15.2 by replacing the text of the second sentence of the second paragraph with the following:</i></p> <p><i>“However, in the case of Sub-paragraphs (e), (f), (g) or (h), the Employer may, by notice, terminate the Contract immediately. In the event of Employer termination of the Contract pursuant to Sub-</i></p> <p><i>paragraph (g), the Contractor shall be liable to repay any and all funds so misused. In the event of Employer</i></p> <p><i>with Sub-Clause 19.6 [Optional Termination, Payment and Release] in accordance with the terms of the Compact and any related agreements.”</i></p>		

SN	Reference to the Bidding Document	Questions from Bidders	Response of Millennium Challenge Account Nepal (MCA-Nepal)
1016.	<p>Section 7 PCC Sub-Clause 17.6 <i>Limitation of Liability Amend Sub-Clause 17.6 by replacing the first paragraph with the following: “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 16.4 [Payment on Termination]; Sub-Clause 17.1 [Indemnities]; Sub-Clause 17.4 (b) [Consequences of Employer’s Risks] and Sub-Clause 17.5 [Intellectual and Industrial Property Rights].”</i></p>	Please delete this clause.	The Bidding Document shall not be amended.
1017.	<p>Section 7 PCC Sub-Clause 18.5 <i>Requirements for Professional Liability Insurance</i></p> <p><i>Add the following Sub-Clause 18.5: “The Contractor shall effect and maintain professional liability insurance in an amount no less than the total liability of the Contractor to the Employer calculated in accordance with Sub-Clause 17.6 [Limitation of Liability].”</i></p>	Please delete this clause. The limits of Professional liability are very high.	The Bidding Document shall not be amended.

SN	Reference to the Bidding Document	Questions from Bidders	Response of Millennium Challenge Account Nepal (MCA-Nepal)
1018.	<i>Section 7 PCC Sub-Clause 21.1 Certain Forms of Local Taxation</i>	Please confirm whether the exemption of taxes and duties as mentioned under this clause are applicable to the Bidder's sub-vendors also.	<p>Section 2.8 of the Compact clearly mentions as follows: <i>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, contributions or other similar charges (but not fees or charges for services that are generally applicable in Nepal, reasonable in amount and imposed on a non-discriminatory basis) (“Taxes”)...</i></p> <p>The Bidders 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 other taxes mentioned in Schedule VII of the Compact read along with Section 2.8.</p>
1019.	<i>Section 7 PCC Sub-Clause 21.1 Certain Forms of Local Taxation</i>	We understand that Income tax is exempt for this project and accordingly TDS shall not deducted when making payment to Contractor. Please confirm.	<p>Section 2.8 of the Compact clearly mentions as follows: <i>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, contributions or other similar charges (but not fees or charges for services that are generally applicable in Nepal,</i></p>

SN	Reference to the Bidding Document	Questions from Bidders	Response of Millennium Challenge Account Nepal (MCA-Nepal)
			<p><i>reasonable in amount and imposed on a non-discriminatory basis) (“Taxes”)...</i></p> <p>The Bidders 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 other taxes mentioned in Schedule VII of the Compact read along with Section 2.8.</p> <p>Specifically, for the purpose of Income Tax and TDS, the Compact makes following provisions:</p> <p><i>Section 2.8 Taxes. (a) 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, contributions or other similar charges (but not fees or charges for services that are generally applicable in Nepal, reasonable in amount and imposed on a nondiscriminatory basis) (“Taxes”) of or in Nepal (including any such Taxes imposed by a national, federal, state, local, or other governmental or taxing authority of or in Nepal). Specifically, and without limiting the generality of the foregoing, MCC Funding will be free from the</i></p>

SN	Reference to the Bidding Document	Questions from Bidders	Response of Millennium Challenge Account Nepal (MCA-Nepal)
			<p><i>payment of....., and (iv) taxes and other similar charges on income, profits or gross receipts attributable to work performed in connection with the Program and related social security taxes and other similar charges on all natural or legal persons performing work in connection with the Program except (1) natural persons who are citizens or permanent residents of Nepal and (2) legal persons formed under the laws of Nepal (but excluding MCA-Nepal and any other entity formed for the purpose of implementing the Government's obligations hereunder).</i></p> <p>The Bidders are requested to note above provisions along with Schedule D and Schedule E of the Compact.</p>
1020.	Price Schedule Schedule 4	With respect to Price Schedule 4, if the Steel and Cement and other are imported from India, then the Custom duty plus VAT & Taxes is exempted. Please confirm.	Section 2.8 of the Compact deals with issue of Taxes. All the Bidders 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 other taxes mentioned in Schedule VII of the Compact read along with Section 2.8.

SN	Reference to the Bidding Document	Questions from Bidders	Response of Millennium Challenge Account Nepal (MCA-Nepal)
1021.	General	Bidder have requested for time extension of 1 month for bid submission	MCA-Nepal has already issued an addendum for the time extension for submission of bids.