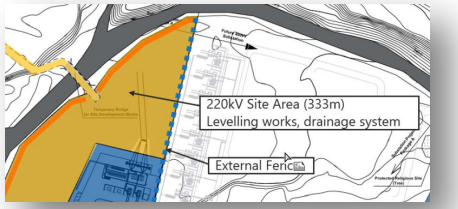
Lekhnath Damauli 220 kV Transmission Line Project
BMZ 2016 67 773
Package B: Substations
Re-tender

Response to Clarification Request
Pursuant to Bidding Documents, Part 1 - Bidding Procedures, Section I - Instructions to Bidders, Item 7.1

Response No. 2, 10 September 2024

№	Reference	Clarification Request	Response
Technical			
1	VII-1 Project Description and Scope of Works Clause 3.4.1 - Site related investigations	Bidder requests to furnish the contour survey report with readings at 5m grid intervals, quantity of cutting and filling and recommendation for soil improvement below retaining wall for correct estimation/cost by the bidders.	Please refer to VII-9 Annex, 4899A81 D4-3 Updated GTI Report and D5-16 Hydrological Study Final result. Please be advised that the GTI report is provided entirely for Bidder information, so that Bidder can assess the design of the required soil improvement required for site development. Quantity of cutting and filling and for soil improvement shall be determined by the Bidder. Bidder should also consider D5-22, and D5-24, where some additional topographical information is presented. The Bidder is guided towards open-source survey tools where topographical information is available but assessment of quantities of cut and fill are entirely the responsibility of the Bidder.
2	VII-6 Technical Requirements - Civil Works Page 14 of 93 1.6.3 Building - General	Bidder understands that this contract is Design build contract, and bidder are free to design the Control Room Building and 220 kV GIS Building/132 kV GIS building as combined or separate ones. Kindly confirm our understanding is correct.	Bidders are free to design the Control Room Building and 220 kV GIS Building / 132 kV GIS building as combined or separate ones, as defined in VII-6 Technical Requirements - Civil Works Page 14 of 931.6.3 Building - General
3	VII-6 Technical Requirements - Civil Works	Bidder understands that the Control Room Building and 220 kV GIS Building/132 kV GIS building can be designed as separate as per below 2 Cases and both cases are acceptable.	Bidders are free to design the Control Room Building and 220 kV GIS Building / 132 kV GIS building as combined or separate ones, as

№	Reference	Clarification Request	Response
	Page 14 of 93 1.6.3 Building - General	**Case I-** If the buildings are separate with no common wall, then the Control Room Building shall be RCC type and GIS building shall be of Pre-Engineered Type. **Case II-** If the buildings are separate with 2 twin columns with a common wall still bidder shall be free to design RCC for Control Room Building and GIS hall can be Pre-Engineered Type Kindly confirm.	defined in VII-6 Technical Requirements - Civil Works Page 14 of 931.6.3 Building - General
4	VII-9 Annexes Annex D5-18	Bidder understands that the Control Room Building and 220 kV GIS Building shown in the layout is designed as combined however Bidder is free to designed as separate buildings. Kindly confirm.	Bidders are free to design the Control Room Building and 220 kV GIS Building as combined or separate ones, as defined in VII-6 Technical Requirements - Civil Works Page 14 of 931.6.3 Building - General
5	VII-9 Annexes Annex D5-20	Bidder understands that the Control Room Building and 132 kV GIS Building shown in the layout is designed as combined however Bidder is free to designed as separate buildings. Kindly confirm	Actually, the drawing depicts the 132 kV GIS building and 33/11kV switchgear / control and protection building. Bidders are free to design these as combined or separate buildings, as defined in VII-6 Technical Requirements - Civil Works Page 14 of 931.6.3 Building - General
6	VII-6 Technical Requirements - Civil Works Page 15 of 93	Bidder understands that the Cable Access room shown in the 132/33 kV GIS Building below 33 kV and 11 kV MV Switchgear can be replaced with RCC cable trenches below the MV switchgear panels as required. Kindly confirm. If not required, then kindly confirm what shall be the design for cable entry and exit from MV Switchgear via RCC slab.	Fully accessible Cable Access Room shall be provided below 33 kV and 11 kV MV Switchgear rooms, as described in VII-6 Technical Requirements - Civil Works Page 15 of 93 and indicated in VII-9 Annexes Annex D5-20.

№	Reference	Clarification Request	Response
7	VII-9: Annex D5-22 Damauli Boundary Features and Project Phasing Figure 3-1 - Phase 1 main works Page 9	Bidder seeks confirmation that the area between 220kV substation platform and the riverbed is referred as 220 kV Site Area (333 m) and highlighted in yellow colour. Kindly confirm. 	Confirmed
8	Part 1 Schedule of Rates and Prices - Schedule No. IV Item No 2.20.1.2.1	Bidder seeks clarification that there is no filling required for the area between the 220kV substation platform and the riverbed as per the price schedule description. The levelling shall be done using existing earth only by cutting at some area and filling at some. Kindly confirm.	Confirmed
9	Part 1 Schedule of Rates and Prices - Schedule No. IV Item No 2.20.1.2.1	Bidder seeks clarification that the drainage system required to drain water from 220 kV Site area shall be design and constructed as permanent drainage system and not temporary. Kindly confirm.	Confirmed, the drainage system required to drain water from 220 kV Site area shall be design and constructed as permanent drainage system.
10	Part 1 Schedule of Rates and Prices - Schedule No. IV Item No 2.20.1.2.3 and 2.20.1.2.4	The low wall BoQ line item is not described in scope details. There is no indication of the low wall in the chain link fence drawing with no typical description. Please clarify the scope.	The low wall as defined in the BoQ shall provide support for the chain link fence and provide a continues concrete beam with a minimum height of 50 cm to also prevent undercut of the security fence, as depicted in D5-22, Figure 2-4
11	Part 1 Schedule of Rates and Prices -	"Access road (3 m wide) from maintenance access gates to area between the 220kV substation platform and the riverbed." There is	Regarding details of "Access road (3 m wide) from maintenance access gates to area between the 220kV substation platform and

№	Reference	Clarification Request	Response
	Schedule No. IV Item No 2.20.1.1.7	no mention of this road on layout. For this item, please provide the length and section details. Please clarify the scope.	the riverbed.", please refer to VII-9 Annexes Annex D5-24, Item 4 "Access Road for Maintenance".
12	Part 1 Schedule of Rates and Prices - Schedule No. IV Item No 2.20.1.1.7	Recently MCA- Nepal is also executing the 400kV Substation Adjacent to this (KFW funded) project. Although similar approach road is being constructed in MCA-Nepal contract. Bidder request to **confirm during execution the same access road (MCA) will be used for this** (KFW funded) project as well for all material transportation. Otherwise, a separate parallel approach road to be constructed then **please provide the specification and length of the Access Road to be developed** till the end point (connecting to MCA Access Road at any point or till the Bridge). Please clarify the scope.	Regarding main access road, please refer to VII-9 Annexes Annex D5-24 "Access road (Scope of Substation Package B", VII-9 Annexes Annex D5-24 and VII-6 Technical Requirements - Civil Works.
13	Part 1 Schedule of Rates and Prices - Schedule No. IV Item No 2.20.1.1.7	In case the Approach Road to be constructed in this contract parallel to the access road of MCA- Nepal contract, then there is sufficient Land is available without touching the Holy trees at site till the connecting Bridge. (Please note all protection /including barricading of the Holy Trees are in MCA-Nepal Contract) Please clarify the scope and provide a layout for access road w.r.t to NEA and MCA scope to avoid any future misunderstanding between two separate contracts of NEA and MCA Nepal.	Main access road, is to be provided, please refer to VII-9 Annexes Annex D5-24 "Access road (Scope of Substation Package B", VII-9 Annexes Annex D5-24 and VII-6 Technical Requirements - Civil Works. Protection /including barricading of the Holy Trees are is Contractors responsibility in accordance with Section VIII. General Conditions (GC) Clause 4.8.
14	VII-9: Annex D5-22 Damauli Substation Boundary Features	a) As the river terrain area comes under no man's land hence the Bidder request to provide the bore log data and scuba depth of the river terrain to be considered for design and estimation of Retaining wall.	Available data are included in VII-9 Annex, D4-3 andD5-16. Conditions of Contract shall remain unchanged.

№	Reference	Clarification Request	Response
	and Project Phasing Figure 2-3 - Flood retaining wall cross section	b) The Bidder also request to convert the Lumpsum contract into quantified line items for the grey area of scope like Retaining Wall, Access Road, Drainage, 220 kV Platform etc. Kindly confirm both points.	
15	VII-9: Annex D4-3 Preliminary Geotechnical Investigation	The 4 Borehole locations BH1, 4 New shown in Soil investigation report for Damauli substation does not lie in the 220 kV Platform area of existing scope as per the layout bidder has received. We shall consider the same boreholes for estimations and shall be binding during execution. Any change in soil data shall be having time and cost implication. Pleases confirm.	Potential Bidders are reminded of the stipulations of General Conditions, sub-clause 4.10 regarding Site Data. Potential Bidders shall also consider the provisions of Employer's Requirements, Section VII-6, §2.4.5.3 Field works regarding minimum number of boreholes/soundings/trial pits for each site. As per the coordinates provided, BH 1-NEW, BH 2-NEW, 3-NEW, 4-NEW and BH 8 are located within the perimeter of the 220kV substation land plot. BH 1-NEW and BH 8 are also located within the perimeter of the substation platform.
16	VII-9: Annex D4-3 Preliminary Geotechnical Investigation	As per the soil investigation report there is only one borehole data BH-9 available for Lekhnath Substation. We shall consider the same boreholes for estimations and shall be binding during execution. Any change in soil data shall be having time and cost implication. Please confirm.	Potential Bidders are reminded of the stipulations of General Conditions, sub-clause 4.10 regarding Site Data. Potential Bidders shall also consider the provisions of Employer's Requirements, Section VII-6, §2.4.5.3 Field works regarding minimum number of boreholes/soundings/trial pits for each site.
17	VII-1 Project Description and Scope of Works Phase 1 Page 94 of 110	Bidder understand that the scope of permanent access road shall start after the point of religious site as marked in the layout. The bridge and road up to religious site shall be in customer scope. Kindly confirm.	Confirmed
18	VII-9: Annex D5-22 Damauli Substation	The top level of retaining wall is shown as 334.5 m. Is this level same across the full retaining wall or can vary as per wall top levels shown in river hydrology analysis.	The Bidder may consider a staged reduction of the height of the flood defence barrier wall, based on the levels from the hydraulic model of the 200-year flood, with consideration to necessary

№	Reference	Clarification Request	Response
	Boundary Features and Project Phasing Figure 2-3 - Flood retaining wall cross section	Please confirm.	freeboard. The staging and freeboard will be subject to approval at detail design stage.
19	VII-1 Project Description and Scope of Works site related investigations, such as surveying, and soil investigation works Page 89 of 110	We understand that Geo Technical data furnished with Tender document, is firm and binding in nature and can be considered for design purpose. Any change in the same will be mutually discussed and time and price escalation shall be dealt separately. Also, if the same is to be done during execution in which price schedule item it will be paid. Please confirm.	The Geo Technical data furnished with the bidding are for bidders' information. The bidder shall satisfy himself about the site conditions and the bidders proposal shall be firm and fixed. Prior to the detailed design, the Contractor shall perform more detailed topographical surveys soil investigations to serve as basis of the detailed design as specified in VII-1 Project Description and Scope of Work, Clause 3.4.
20	VII-9: Annex D5-16 Chabdi River Hydrological Analysis Report	Bidder understands that the data and levels like FGL, Platform level, Retaining wall levels etc mentioned in the annexures are the basis for design of development works like retaining wall, drainage, 220 kV Platform etc and shall be binding in the contract and M/s NEA shall be responsible for the hydrology study. Any change in data or levels shall be a time and price compensation to the bidder. Please confirm.	The Hydrological Analysis Report included in Part II, Section VII-9 Annexes, D5-16 is the basis and shall be followed.
21	Part 1 Schedule of Rates and Prices - Schedule No. IV Item No 1.19.1.2	"Removal and disposal of existing building." Bidder request to share the plan and section details and clarify to what level below ground dismantling needs to be done. Please provide	For location of the building, please refer to VII-9 Annexes Annex D5-28 (building identified as "Store". The building is a nonresidential one storey masonry storage building with metal rooftop. Dimensions are approximately 26m x 12m. The building shall be removed completely.
22	VII-1 Project Description and	Bidder understand that the top soil shall be removed only at areas of vegetation and can be re used at site.	Removal of top soil is not necessarily restricted to areas of vegetation.

№	Reference	Clarification Request	Response
	Scope of Works Site Preparation, levelling and compacting Page 93 of 110	Kindly confirm.	Topsoil shall be kept separate from other material and stock-piled for re-use on the site in the landscaped areas, if required. If not, it shall be disposed by the Contractor to the approved location.
23	VII-1 Project Description and Scope of Works Transformer foundations Page 20 of 93	As there is a common burnt oil tank of 150% capacity where the oil from oil collection pit below transformer thereby Bidder proposes for oil collection pit below transformer filled with gravel sized for 33% of the transformer oil capacity considering 40% voids in gravel. Please confirm	Such details shall be subject to approval at design stage. Please be reminded that fire water must also be considered
24	VII-9: Annex D5-22 Damauli Boundary Features and Project Phasing 2.3 Flood Retaining Wall Figure 2-3	Bidder requests to suggest methodology for soil improvement below retaining wall etc. will be based on field and laboratory data	This is to be determined by the Bidder / Contractor subject to approval at design stage.
25	VII-9: Annex D4-3 Preliminary Geotechnical Investigation	Bidder requests to furnish the lateral and uplift capacity of pile foundations.	This is to be determined by the Bidder / Contractor.
26	VII-6 Technical Requirements - Civil Works 2.7.17 Piling Works	Bidder requests to furnish detailed Field Quality Plan for Piling Works. A) What will be frequency of pile testing? B) What will be testing methodology? C) What are the approved labs for testing?	A) / B):Quality plans for piling, (including testing methodology) shall be developed by the successul Bidder at detail design stage and shalll be subject to approval. C) Shall be decided during design stage.

№	Reference	Clarification Request	Response
27	VII-9: Annex D5-22 New Damauli Substation Site Development and Project Phasing	"Development of the external drainage collectors (hill side and 400kV site side)"- Bidder understand this drain can be designed as an RCC rectangular open drain. Kindly confirm.	Confirmed, this drain shall be constructed as an open drain, details are subject to approval during design stage.
28	VII-9: Annex D5-22 New Damauli Substation Site Development and Project Phasing	"Development of a suitable drainage system to drain water from the 220 kV Platform area"- Bidder understand this drain can be designed as an RCC rectangular open drain. Kindly confirm.	This is subject to approval during design stage.
29	VII-9: Annex D5-22 New Damauli Substation Site Development and Project Phasing	Drainage for Permanent Access Road "permanent access road, including dedicated drainage". Bidder understand this drain can be designed as an RCC rectangular open drain. Kindly confirm.	This is subject to approval during design stage.

№	Reference	Clarification Request	Response
30	VII-6 Technical Requirements - Civil Works 1.6.3 Building - General	The Bidder understands that they are free to design different roof heights of GIS and Control Room Building sections in case of combined or separate Buildings as per technical requirements. Kindly confirm.	In principle, it is confirmed that different roof heights will be accepted for the GIS and Control Buildings. However, the adopted roof heights shall comply with the requirements of the installed equipment and all other aspects of the Bid document.
31	VII-6 Technical Requirements - Civil Works 1.6.15 Roads, paving and surfacing	Bidder understands that the road shall be considered as below: 1.) RCC road for Damauli. 2.) Flexible/Asphalt Road for Lekhnath. Bidder request to provide the RCC road sections for Damauli and flexible roads in Lekhnath for correct costing and estimation. Please provide.	1.) confirmed 2.) confirmed Please refer to VII-9 annex, D5-25 DAM. Access Road Sections. Further details shall be developed by the Bidder / Contractor.
32	VII-9: Annex D5-22 Damauli Substation Boundary Features and Project Phasing Figure 2-3 - Flood retaining wall cross section	Bidder request to provide the detailed plan and section for Gabion Mattress protection works for Damauli for correct costing and estimation. Please provide.	This is a FIDIC Yellow Book Contract. The successful contractor shall develop details of gabion mattress protection works which shall be approved at detail design stage.
33	VII-9: Annex D5-20 Damauli 220/132/33/11 kV Substation	Firewall for 132/33 and 33/11 kV Transformer is also shown towards the building side. If yes than Bidder shall not include Fireproof walls for building. Kindly confirm.	Confirmed

№	Reference	Clarification Request	Response
	132/33/11 kV Building Layout		
34	VII-9: Annex D5-20 Damauli 220/132/33/11 kV Substation 132/33/11 kV Building Layout	Some roof is shown for 132/33 and 33/11 kV Transformer. And if yes than bidder request to provide roof details for Transformers. Else, the roof on Transformer is not applicable. Please clarify the scope.	No roof is required for 132/33 and 33/11 kV Transformer.
35	VII-9: Annex D5-20	Bidder understand that the 33 kV Switchgear can be placed at ground floor above RCC cable trenches and P&C, SCMS and auxiliary supply system can be placed at the 1st floor. Kindly confirm.	Fully accessible Cable Access Room shall be provided below 33 kV and 11 kV MV Switchgear rooms, as described in VII-6 Technical Requirements - Civil Works Page 15 of 93 and indicated in VII-9 Annexes Annex D5-20. P&C, SCMS and auxiliary supply system can be placed at the 1st floor, on cable false floor as indicated in in VII-9 Annexes Annex D5-20 and described in VII-6 Technical Requirements - Civil Works Page 15 of 93 and indicated. .
36	VII-6 Technical Requirements - Civil Works 1.6.3 Building - General	Bidder understands that the Pre-Engineered Building wall Sheeting for 1. GIS building shall start from +3 m from the FFL i.e brick work upto +3m from FFL 2. Control Room Building it shall start from First Floor i.e brick work required upto first floor. Kindly confirm.	Clause 1.6.3 (and other related specification references) do not indicate dimensional details of the interface between the cladding and brickwork. Architectural details of the building façade shall be subject to the approval of the Employer at the design stage.

№	Reference	Clarification Request	Response
37	VII-6 Technical Requirements - Civil Works 2.8.12 Reinforcing steel	Bidder request to confirm the acceptance of below grade of reinforcement steel. 1. Grade B500B as per Euro Code 2 for all works. 2. Corrosion resistant steel in not to be considered. 3. As an alternative Thermo mechanically treated HYSD Fe-550d bars confirming to IS 1786(latest revision) can also be provided. Kindly confirm above points.	All reinforcement steel shall comply with Eurocode 2 and the codes and standards referred to therein. Grade B500B can comply with the physical, mechanical and chemical properties and therefore will be acceptable. There is no requirement for corrosion resistant reinforcement steel bars. Any alternative proposals will be considered against the Specification, but acceptance will be subject to Employer approval.
38	VII-6 Technical Requirements - Civil Works 2.8.3 Concrete mixes Table 2-6: Concrete Classification	Bidder request to confirm the acceptance of below grade of concrete for various works. 1. C16/20- For PCC Works. 2. C40/50- For RCC works in Buildings and Retaining Wall 3. C35/45- For RCC works in other scope except Building and Retaining Wall. Kindly confirm above points.	The mentioned concrete grades are in compliance with the sub-clause 2.8.3 and the designations are accepted subject to incorporation into the design of the various elements.
39	VII-9: Annex D5-25 New Damauli Substation Access Road Typical Sections	Bidder understands that there is typo error for the road width of permanent access road as mentioned 5.5 m as per layout however in technical requirements it is mentioned as 7 m. Please confirm the requirement of road width.	Road width of permanent access road shall be 5.5 m as per Annex D5-25 New Damauli Substation Access Road. Typical Sections. The requirement "7 m" in VII-6 Technical Requirements - Civil Works 1.6.15 shall be read as 5.5 m. To be noted that these are the requirements for permanent access. During construction phase, bigger width may be required to allow for transport of material / equipment.

№	Reference	Clarification Request	Response
40	VII-9: Annex D5-20 New Damauli Substation Access Road Typical Sections	Bidder understands that drains along one side of permanent access road shall be constructed as per layout. Please confirm.	The precise arrangement for drainage will be dependent on the final approved layout at detail design stage. The approved design shall be in accordance with VII-6 Technical Requirements - Civil Works subclause 1.6.12.
41	VII-6 Technical Requirements - Civil Works	Bidder request to provide the location/ distance of disposal point for excavated earth and dismantled debris from each site.	This is the responsibility of the Bidder / Contractor
42	VII-1 Project Description and Scope of Works Page 90 of 110	Bidder understands that the "river training and flood prevention works" mentioned is the same as the flood retaining wall to be constructed as per Price Schedule Item no 2.20.1.2.2 Phase 2. Kindly confirm. In case it is not the same please clarify the scope.	"Flood Prevention" is the general term which includes different measures, as detailed in VII-1 Project Description and Scope of Works, Clause 3.4.6
43	VII-7 ENVIRONMENTAL AND SOCIAL MANAGEMENT AND MONITORING PLAN	Bidder requires more clarification on the exact scope. Following details are required for right estimation. a) What shall be section details for this culvert? b) What shall be length and width details? Please provide details for both points.	Item 1.15.2 refers to ESHS provisions for the culvert. The locations and type culverts shall be proposed by the Contractor and approved by the Employer/Engineer (ref. Appendix A to ESMP)
44	VII-7 ENVIRONMENTAL	Bidder requires more clarification on the exact scope & clause. Following details are required for right estimation.	

№	Reference	Clarification Request	Response
	AND SOCIAL MANAGEMENT AND MONITORING PLAN	a) Is this the same as the flood retaining wall or different? b) What shall be section details for this wall? c) What shall be length for this wall. d) Is it to be considered for 400 kV area as well OR only upto 220 kV area same as retaining wall. Please provide details for all four points.	a) Effectively, this is the same as the flood retaining wall described in VII-1 Project Specification and Scope of Works. b) Please refer to VII-1 Project Specification and Scope of Works and VII-9 Annex D5-22. Details to be proposed by the Bidder / Contractor at design phase subject to approval. c) Same as b).. d) To be considered for 220 kV area only, however to be coordinated with flood protection works of 400 kV Substation (see also VII-9 Annex D5-22).
45	VII-7 ENVIRONMENTAL AND SOCIAL MANAGEMENT AND MONITORING PLAN Lekhnath-Damauli 220kV Transmission Line Project, Nepal – Package B Substations	The Bidder understands that since the land acquisition for the complete project is already done by the customer (NEA), therefore any social impact, compensation of any kind, settlement with habitats etc shall not be in Bidders scope. The ESMMP clause shall be in Bidders scope only for the execution period within the substation area / scope of works and for the land acquired by NEA. Please confirm.	The Bidder shall include all requirements related to the execution of Package B, as defined in Annex VII-7.
46	VII-6: Technical Requirements - Civil Works Roof Page 15 of 93	Bidder understands that the Roof of building required shall be thermally insulated. Bidder proposes the below roof conditions for thermally insulated roofs. 1) For PEB building- Puff panel roof sheeting as per specifications. 2) For RCC building- RCC slabs with waterproofing as per specifications.	The successful contractor or shall develop details which shall be approved at detail design stage.

№	Reference	Clarification Request	Response
		3) In case of any other specific requirements for thermal insulation. Kindly confirm and provide the details.	
47	General	The Bidder understands that clearance of all other material like steel structures etc. stored in the area of construction shall be in scope of customer and shall provide ready to construct land to start the construction activities. Please confirm.	In Lekhnath Substation the existing storehouse shall be demolished and removed by the Contractor. Please refer to VII-9 Annex D5-3 (Notes) and Schedule IV, Item 1.19.1.2.
48	General	The Bidder understands that all permissions for tree and vegetation clearance shall be in scope of customer. And ready to construct land to start the construction activities shall be handed over. Please confirm.	The substation land plot is fully acquired by the Employer, who will be responsible for the obtaining of the required permissions, if needed. Contractor shall refer to the following relevant sections of Employer's Requirements covering trees and vegetation clearance: Section VII-6, §2.4.2 Site preparatory works Section VII-1, §3.4.8.1 Site Preparation, leveling and compacting Section VII-1, §3.4.6.1 Site Preparation, leveling and compacting
49	General	Use of Manufacture Sand Manufacturer sand is acceptable as an option to river sand for all the civil works. Please confirm.	Manufactured sand is not excluded by the Specification. Sources of all sand shall be reliable, and adoption shall only follow acceptable test results showing consistency of grading, mechanical and chemical properties. Mix designs shall also be adjusted to accommodate any strength reductions and/or workability issues resulting from the adoption of manufactured sand over natural sand.

№	Reference	Clarification Request	Response
50	General	Construction material field testing Bidder request to provide the detail of approved test labs within Nepal / near to respective sites.	Shall be decided during design stage.
51	General	Site office/labor colony/store Bidder request to confirm necessary land /space for site office/store/ labor colony/batching plant is available and will be provided within /near to the site area under present scope.	This is Contractor's obligation please refer to General Conditions of Contract sub clause 4.13.
52	General	Hinderance register shall be maintained by the bidder at site which shall include the delays due to local land issues, force majures, natural calmaities etc. and extension/compensation shall be mutually discuss and agreed upon for compensation (if any). Please confirm.	The procedure for Contractor's claims is detailed in the Conditions of Contract and shall be followed accordingly.
53	General – Civil	Bidder request to provide approved sources / Manufacturer name for following major civil items within Nepal. a) Cement, b) Reinforcement Steel, c) Structural steel and d) all finishing items. Please provide	This is the responsibility of the Bidder / Contractor subject to approval at design stage.
54	VII-6: Technical Requirements - Civil Works 1.1 Basic Instructions for Design	The general transmission coefficient, including walls, roof, windows and doors shall be K ≤ 0.7 W/m2 K. Bidder request to specify the materials to be used for each element to achieve this thermal insulation level	The selection of appropriate materials to satisfy the thermal insulation requirements are the responsibility of the Bidder. Compliance should be demonstrated through submission for approval to the Employer.

№	Reference	Clarification Request	Response
55	VII-6: Technical Requirements - Civil Works 1.1 Basic Instructions for Design	All roof and wall cladding systems including ventilators, openings, windows, doors, etc., shall be designed and constructed such that noise level emissions at the site boundary do not exceed 60 dBA. Bidder request to specify the materials to be used for each element to achieve this noise insulation level.	The selection of appropriate materials to satisfy the noise insulation requirements are the responsibility of the Bidder. Compliance should be demonstrated through submission for approval to the Employer. The successful contractor should conduct a sound insulation study which shall be verified through site measurement of the operating substation prior to Site Acceptance.
56	VII-6: Technical Requirements - Civil Works 1.5.1 Dead load	The gravity weight of overburden soil shall be considered as dead load, but design of switchyard foundations should consider that backfilling has not commenced prior to installation of equipment. As backfilling is generally done prior to equipment installation, bidder request to permit to consider soil weight for stability check of foundations considering an economic design. Please confirm.	The Specification is clear that overburden pressure should not be considered in the design of switchyard foundations. This is not adopted for the temporary works case but for final installation, to avoid issues during any re-excavation in the switchyard. The Bidder is required to comply with the Specification.
57	VII-6: Technical Requirements - Civil Works 1.5.2 Live load	Bidder request to clarify the live loads to be considered for girders, walls and foundations that whether this will be in addition to the live load considered on equipment floors as recommended by respective equipment manufacturer.	The live loads indicated for girders walls and foundations in table 1-1 are minimum requirements. The live load off all equipment should be assessed and considered where these requirements are exceeded.
58	VII-6: Technical Requirements - Civil Works 1.5.6 Earthquake load	The seismic calculations of buildings and structures shall be prepared in accordance with the requirements of the relevant local standard, using data of the local authorities for the location(s) of the Project. The Bidder shall be cognizant of the potential for liquification of soil strata in the area during seismic events and make necessary consideration in the design. Bidder request to specify the list of standards to be used for seismic load calculation and analysis.	The Contractor is expected to familiarize with local standards as applicable.

№	Reference	Clarification Request	Response
59	VII-6: Technical Requirements - Civil Works 1.6.5 Structural description of the control buildings = Doors	The doors shall be double skin insulated metal types, with the required fire resistance (for minimum 3h), large enough to pass the equipment. Please confirm that this requirement is applicable only for doors on exterior faces of the building.	The specification is clear that insulated steel fire doors are required for all areas except for those indicated as timber or aluminium. Please comply with the Specification.
60	VII-6: Technical Requirements - Civil Works 1.6.13 Damauli Boundary Wall (Flood Retaining Wall)	At Damauli, the boundary shall be enclosed by a wall of minimum height 2.5m, suitably designed to prevent incursion by vehicle impact and protection of the plot from the 200 year flood. Kindly furnish the flood data for 200 years for design of wall.	The terms Boundary Wall and Flood Retaining Wall shall be considered synonymous. Details of the flood protection wall are included in VII-9 Annex D5-22. The height of the Flood Retaining Wall shall be as described in VII-9 Annex D5-22. The requirements for "2.5. m height" and "designed to prevent incursion by vehicle impact" in VII-6: Technical Requirements - Civil Works 1.6.13 shall be disregarded. For further details regarding 200 year flood levels, please refer to VII-9 Annex D5-16.
61	VII-6: Technical Requirements - Civil Works 2.4.3 Site clearance and demolition works	Site clearance and demolition works comprise the removal and disposal of bushes, existing structures and foundations and of all other obstructions on the substation site, access roads, as well as the back filling of existing pits, trenches, channels etc. Please furnish the details of structures to be demolished	No structures are to be demolished in Damauli.
62	VII-6: Technical Requirements - Civil Works 2.4.3 Site clearance and demolition works	At Damauli Site there in no scope of demolished work. However, only old Storeroom to be demolish at Lekhnath site. Please confirm.	Confirmed

№	Reference	Clarification Request	Response
63	VII-6: Technical Requirements - Civil Works 1.4 Codes and Standards	British/Indian Standard Codes cross referenced to equivalent international standards. Please confirm latest edition of following Indian standards shall be acceptable for design of civil and structural works • IS 800 • IS 802 • IS 456 • IS 875 • IS 1893 (Part I)	To be determined at design stage subject to approval.
64	VII-6: Technical Requirements - Civil Works 1.6.13 Damauli Boundary Wall (Flood Retaining Wall)	Under improvement could be applied methods such as jet grouting, stone piles or so, as well as foundation on the piles. Bidder presume that , if feasible, the retaining wall can be designed as wall resting on pile foundations. Please confirm.	A solution where the retaining wall is designed with piled foundations is acceptable since it complies with the Specification. Retaining wall design is subject to Employer approval
65	Geo Tech investigation	Bidder request to furnish the pile capacities in uplift and shear also for estimation of civil quantities.	This is to be determined by the Bidder / Contractor, subject to approval.
66	VII-5 Technical Specifications clause no. 3.3	"In the event of leakage from any compartment, the equipment shall withstand rated voltage with SF6 at atmospheric pressure. " Whenever there is leakage from any compartment, alarm indications shall be provided to cater the situations. Therefore, bidder do not foresee any such situation wherein the offered GIS is required to withstand the rated voltage at atmospheric pressure. Thus, the same is not envisaged. Bidders request to confirm your acceptance.	Leakage indicators are only for alarm purpose meaning that the GIS remains under voltage even in case of leakage. In addition, there are different level of leakage levels as per IEC 62271-203. If the pressure is above Pme and below design pressure, the insulation withstand shall not be compromised.

№	Reference	Clarification Request	Response
67	VII - 8 Technical Data Sheets Point no. 3.15 And VII-5 Technical Specifications clause no. 3.3	"free standing or in bay integrated" And "Local Control cubicle placed next to equipment for control." Bidders understand that Local control panel in bay integrated type for 220kV GIS is also acceptable as per Technical Data Sheets Point no. 3.15. Request customer re-confirm the same.	Confirmed, local control panel in bay integrated type is acceptable for 220kV GIS.
68	VII - 8 Technical Data Sheets Point no. 4.14 And VII-5 Technical Specifications clause no. 3.3	"in bay integrated" And "Local Control cubicle placed next to equipment for control." Bidders understand that Local control panel in bay integrated type for 132kV GIS is acceptable as per Technical Data Sheets Point no. 4.14. Request customer re-confirm the same.	Confirmed, local control panel in bay integrated type is acceptable for 132kV GIS.
69	VII-5 Technical Specifications clause no. 3.8	"Each enclosure shall be tested and stamped by the inspecting authority issuing the test certificate that shall be independent from the manufacturer. " The offered GIS, the enclosures are routine tested by approved vendors. Routine test reports shall be provided for review and reference. The same enclosures are type tested product.	Confirmed For type test requirements reference shall be also made to employer's requirement Part II subsection VII-3 Clause 11.2

№	Reference	Clarification Request	Response
		Request customer to confirm the same.	
70	VII-5 Technical Specifications clause no. 3.9	"Each bay shall have at both ends the barrier spacers for disabling the internal arc propagation over the bus bar. " For offered **245kV GIS, is designed in such a way that the busbar and busbar disconnector forms separate gas compartment.** Thus, the chances of fault in busbar is nil. Accordingly, there shall be no internal arcs. Hence, it is not necessary to have gas barriers at end of each busbar. With this design required service continuity is complied. Thus, we request customer to keep it to the discretion of GIS OEM the decision of gas barriers in busbar. Please confirm the acceptance.	Subject to approval at design stage.
71	VII-5 Technical Specifications clause no. 3.10.3	"Circuit breakers and all other metal-enclosed switchgear modules like bus ducts, disconnectors etc. shall be covered by type test certificates and complete test reports issued by an accredited internationally recognized independent short circuit testing laboratory, as defined in VII-3 General Technical Requirements, Clause 11.2.1 to certify the satisfactory operation of the circuit breakers at duties corresponding to the rated making and breaking capacities of the circuit breakers. " Referring to the said clause and GTR, we understand that only type tests that include short-circuit and dielectric verification tests for CB, DS, ES, and HSES are to be performed from an STL lab. Please confirm that the understanding is correct.	The understanding is not correct. VII-3 General Technical Requirements, Clause 11.2.1 requires that, for High voltage equipment for which the type tests include also short-circuit and dielectric tests, the testing lab shall be member of STL.
72	VII-5 Technical Specifications	"It shall be possible with such partitioning and with the disconnector compartments maintained at full gas pressure; to	The clarification request is irrelevant to the mentioned clause. This is an IEC requirement as described in IEC 62271-203 §5.104.2.

№	Reference	Clarification Request	Response
	clause no. 3.11	carry out high voltage insulation withstand tests on outgoing circuits, without taking adjacent equipment out of service. " Due to Human safety, other end of individual module need to be earthed. we do not envisage any such HV testing on outgoing feeders. However, HV test may be performed on complete switchgear. Please confirm your acceptance.	
73	VII-5 Technical Specifications clause no. 3.11.3	"CTs for protection shall not be used for metering. CTs for protection and metering shall be physically separate. " For offered GIS the CT cores for measuring and protection are physically separate and are placed in same enclosure. This design is most suitable considering CT feasibility and is widely accepted in all utilities including in NEA. Bidder request to confirm the acceptance.	Confirmed.
74	VII-5 Technical Specifications clause no. 3.13	"Mechanical shock recorders shall be fitted to VTs prior to dispatch from the factory, to indicate how the VT was handled during transit and to determine if detailed inspection is required at site. " Shock indicators shall be provided on VT which shall help to detect any transport damage. This practice is OEM standard and is widely followed successfully. Bidder request to confirm the acceptance.	The specification shall be followed.
75	VII-5 Technical Specifications clause no. 3.21 Accessories	"Accessories for proper operation of the switchgear shall be included in the base price. Following accessories for maintenance and repairs shall be included in the scope of supply:	This is to be proposed by the Bidder.

№	Reference	Clarification Request	Response
		▪ complete gas service cart, including vacuum pump, compressor and gas pressure vessel for liquefying of SF6-gas, all fittings, connections gauges and hoses. The gas handling units shall be suitably sized so as to enable gas evacuation and filling of the largest chamber to be carried out in normal working hours (see requirements in Technical Data Sheets). ▪ set of special tools ▪ breaker withdrawal and maintenance parts ▪ portable SF6 gas detecting equipment for SF6 purity (indication of O2 content, dew point, moisture content) ▪ density guard tester with high accuracy pressure gauge The Tenderer shall describe all accessories in detail to enable an evaluation of the proposal." Bidder request to clarify the details makes and model of following 1) set of special tools 2) density guard tester with high accuracy pressure gauge In our design density guard tester with high accuracy pressure gauge	
76	VII-5 Technical Specifications clause no. 3.14	"Voltage Detectors (if any) " We understand that the same is not applicable and is not offered. Bidder request to confirm the acceptance.	Confirmed, not applicable for 132 kV and 220 kV GIS.
77	VII-5 Technical Specifications clause no. 3.15	"Based on insulation coordination study which belongs to the scope of works, the lightning arresters if needed in the bus bars or in the outgoing feeders shall be indicated and they will be	GIS surge arrestors are not foreseen, subject to confirmation by insulation coordination study. If required as a result of the insulation coordination study, they shall be included.

№	Reference	Clarification Request	Response
		accordingly selected and designed so as to protect the associated equipment. For required Technical Data please refer to the Technical Data Sheets. " As per scope of work any GIS lightning arresters is not applicable. Please re-confirm	
78	VII-5 Technical Specifications clause no 3.16.1	"For voltages of Ur = 245 kV and above bushings shall be equipped with corona rings designed for the specified voltage level." For 245 kV voltage levels, we do not envisage corona rings and is not offered. Bidder request to confirm the acceptance.	Subject to approval at design stage.
79	VII-5 Technical Specifications clause no 3.19.1	"Bus bar enclosures shall be segregated into gas-tight compartments of such volumes so as to ensure the minimum necessary time for the SF6 gas evacuation and its subsequent vacuum treatment and refilling. " The gas filling and evacuation time depends on the type of gas handling cart used. Considering the scope of bays, the time required for evacuation is not very large. Thus, we do not envisage any such partitions in busbars. Bidder request to confirm the acceptance.	Subject to approval at design stage.
80	VII - 8 Technical Data Sheet And Project Scope of work	"Type of enclosure (bus bar/feeder) - 1-phase / 1-phase " As per Project Scope of work 3 phase busbars is mentioned and acceptable. However, in Technical Data sheet 1Ph mentioned.	Please refer to Bidding Documents Amendment No. 2, Item 1.

№	Reference	Clarification Request	Response
		Further to above bidder's offered 245 kV GIS busbars are three phases encapsulated. This design is successfully type tested, globally offered, and is in hastle free operation. Thus, the same will be proposed in the bid. Thus, Bidder request to re-confirm the acceptance of 3Phase busbar.	
81	VII - 1 Project Scope of work	"lot of provision (light sensor) for future arc detection " For offered GIS, we have flanges wherein we have provision by default. There we will give blanking plate at this moment. Later during execution stage, if arc sensors are required these blanking plates will be removed, we will place arc sensors there. We understand that this is in line with customer requirement. Please confirm.	Confirmed
82	VII-5 Technical Specifications clause no 3.9	"End of bus bar will be equipped with barrier spacer, I element and end cover to enable the assembling of the future bay without SF6 gas evacuation under the atmospheric pressure at the neighbouring gas compartment. " A) For offered 245 kV GIS, the configuration is such that during future extension all existing feeders and one busbar shall be in service, and only the busbar is required to be evacuated of the existing GIS. Thus, no gas barriers and isolating link is required. B) For offered 132 kV GIS, the configuration is such that so as to keep one busbar and adjacent feeder in service we have to give one buffer module with isolating link, and that shall not need evacuation of any existing feeder.	During the design stage, standard step by step operation procedure for double bus bar extension shall be provided for approval.

№	Reference	Clarification Request	Response
		We understand that above will meet customer expectations. Bidder request to confirm the acceptance.	
83	VII - 8 Technical Data Sheet	"Surge Arrester for each voltage level." As per technical data sheet, for all the ratings 180KV, 108KV, 9KV & 27KV Thermal energy rating mentioned as 10KJ/KV. Kindly confirm. Normally for higher ratings 180KV and 108KV thermal energy will be 7KJ/KV and for lower ratings 9KV and 27KV thermal energy will be 4KJ/KV. Kindly re-confirm the Thermal energy rating for all the ratings. Also, confirm acceptance for below class type. • Class III type for 216kV and 120kV and • Class II type for 30kV & 9kV Surge Arrestors.	These data shall be confirmed and finalised at design stage based on the result of the insulation coordination study.
84	Part 1, Section IV: Plant & Conformity of Facilities	"Point no. 1 Type Test Certificate of similar transformers – In case the Bidder/Contractor decides to demonstrate the ability to withstand the dynamic effects of short circuit by calculation (IEC 60076 -5, subclause 4.2), the Bidder/Contractor shall submit a proof that the sourcing transformer factory has already successfully demonstrated the ability to withstand the dynamic effects of short circuit by test for at least one similar **/ higher rating transformers** (in terms of Voltage and Rating). This proof shall be submitted together with the Technical Bid. Please confirm the acceptance.	Confirmed, similar and or Higher rated transformers are acceptable.

№	Reference	Clarification Request	Response
85	Part 1, Section IV: Plant & Conformity of Facilities	"The type test certificates shall not be older than 15 years and shall be issued from an independent institute. " The type test certificates shall not be older than 15 years. Dynamic Short Circuit test is conducted at independent institute and all other type tests shall be conducted at manufacturer's own laboratory. Please confirm your acceptance.	The proposed modification is not acceptable. Detailed requirements for type tests are included in VII-3 General Technical Requirements, Clause 11.2.1 and require that "All major equipment and components shall be type tested, … by an internationally accredited independent testing laboratory." As further detailed in this clause, this includes all "high voltage electrical transmission and distribution power equipment (i.e. above 1000V AC and 1200V DC) for which the type tests specified in standards include short-circuit and dielectric verification tests". Equipment not falling under this definition may be tested at manufacturer's own laboratory.
86	Part 1 Schedule of Rates and Prices - Schedule No. I Substation Lekhnath Item No. 1.10	"Synchrophasor Measurement Unit (PMU) for monitoring voltage and current as defined in the Scope, including software, documentation, cubicles, accessories" Kindly confirm the PMU (Phasor Measurement Unit) functionality as inbuilt function in BCU is applicable for 220 kV Line and Bus Coupler / Bus Section feeders only at Lekhnath site.	Not confirmed. According to the employer's requirement Part II subsection VII-1 §3.2.10, the following shall be noted: - Standalone system is preferred. However, in-built PMU functionalities in BCU will also be considered for evaluation. - the following values shall be measured: o voltages of the 220 kV busbars o currents of the Damauli - Lekhnath 220 kV OHLs currents of Lekhnath 220/132 kV Autotransformers.
87	Part 1 Schedule of Rates and Prices - Schedule No. I **Substation Lekhnath** Item No. 1.11.3	"Equipment and material for interfacing with NEA Grid Substation Automation system (SAS) Project Phase 2 including all necessary cabling, cubicles, equipment and materials to complete the supply and the installation" "NEA currently is implementing the NEA Grid Substation Automation System (SAS) Project-Phase 2." Bidder will provide the IO Address signal list on IEC 60870-5-104 Protocol to communicate or integrate with NEA Grid Substation	The responsibilities of each party are clearly indicated in employer's requirement Part II subsection VII-1 Clause 3.2.11.3 *Quote* For the additional 132 kV transformer bays included in the Lekhnath Damauli 220 kV Transmission Line Project Package B, the split of responsibilities shall be as follows: ▪ Package B includes provision of control and protection panel with bay control unit for the two extended 132 kV bays and Ethernet switch to allow integration to the automation system

№	Reference	Clarification Request	Response
	And VII-1 Project Description and Scope of Works	Automation system (SAS) Project - Phase 2 within the scope of work. However, the Integration of signals in NEA Grid Substation Automation system (SAS) Project - Phase 2 should be considered under NEA scope, because as per document "VII-1 Project Description and Scope of Works " it is mentioned "NEA currently is implementing the NEA Grid Substation Automation System (SAS) Project-Phase 2." Hence existing make and software version is not available. Hence, considering the fact that without understanding the existing details and present scope including support from respective OEM (implementing agency), the scope for supply & Services of any **Equipment and material** including all necessary cabling, cubicles, equipment and materials to complete the supply and the installation to interface with NEA Grid – SAS Project Phase 2 should not be part of the contract. Bidder request to confirm the acceptance on above and delete the line item 1.11.3 from the price schedule.	▪ SAS Project-Phase 2 undertakes to increase the capacity of the Lekhnath substation automation system at Lekhnath to allow integration of the two additional bays for LD 220 kV TLP ▪ Integration of the two additional bays for LD 220 kV TLP and adaption of HMI displays will be done by into SAS Project-Phase 2 / NEA with support of Package B Contractor ▪ Integration of 220 kV switchgear into NLDC and Backup LDC is in scope of Package B *Unquote*
88	Part 1 Schedule of Rates and Prices - Schedule No. I Substation Damauli Item No. 2.11	"Synchrophasor Measurement Unit (PMU) for monitoring voltage and current as defined in the Scope, including software, documentation, cubicles, accessories" Kindly confirm the PMU (Phasor Measurement Unit) functionality as inbuilt function in BCU is applicable for 220 kV & 132 kV Line and Bus Coupler / Bus Section feeders only at Damauli Site.	According to the employer's requirement Part II subsection VII-1 §3.3.11, the following shall be noted: - Standalone system is preferred. However, in-built PMU functionalities in BCU will also be considered for evaluation. - the following bays shall be equipped with PMU: o All 132kV and 220 kV Lines All bus sectionalizer and bus couplers on 132kV and 220 kV levels.
89	Part 1 Schedule of Rates and Prices - Schedule No. I	"Equipment and material for interfacing with New Damauli 400kV Substation including all necessary cabling, cubicles, equipment and materials to complete the supply and the installation "	The Contractor shall provide under the current Project the new separate SCMS at the New Damauli 220 kV Substation and shall

№	Reference	Clarification Request	Response
	Substation Damauli Item No. 2.12.3	Bidder will provide the IO Address signal list on IEC 61850 or IEC 60870-5-104 Protocol to communicate or integrate with New Damauli 400 kV Substation. Bidders understand that New Damauli 400kV GIS Substation shall be implemented by MCA – Nepal, which contract is recently awarded and signed. Bidder request to provide the Makes and Model of SAS system at MCA - New Damauli 400 kV to get the backup support from respective OEM (implementing agency). Otherwise kindly confirm that the Integration with New Damauli 400 kV SAS will be completed by the customer directly. Accordingly, bidder request to delete the scope of SAS integration with 400kV Damauli from present scope of work.	make provision for interconnection with the new future DAMAULI 400 kV Substation SCMS/RTU/SCADA RTU in form of gateway. Local SCADA/SCMS/RTU for the future New Damauli 400 kV Substation will be located in a separate Building than the new Damauli 220 kV Substation to be established via the current Project. Boundaries of area of responsibility shall be the gateway towards the 400 kV substation.
90	Part 1 Schedule of Rates and Prices - Schedule No. I Substation Damauli Item No. 2.12.4	"Equipment and material for interfacing with NEA Grid Substation Automation System (SAS) Project-Phase 2 including all necessary cabling, cubicles, equipment and materials to complete the supply and the installation" Bidder will provide the IO Address signal list on IEC 60870-5-104 Protocol to communicate or integrate with NEA Grid Substation Automation system (SAS) Project - Phase 2 within the scope of work. However, the Integration of signals in NEA Grid Substation Automation system (SAS) Project - Phase 2 should be considered under NEA scope, because as per document "VII-1 Project Description and Scope of Works " it is mentioned "NEA currently is implementing the NEA Grid Substation Automation System (SAS) Project-Phase 2." Hence existing make and software version is not available.	In the course of this project, A separate gateway including all materials mentioned in the scope of work and price schedule shall be provided in the substation for interfacing to NEA Grid SAS. The integration works will be done in the scope of SAS Project.

№	Reference	Clarification Request	Response
		Hence, considering the fact that without understanding the existing details and present scope including support from respective OEM (implementing agency), the scope for supply & Services of any **Equipment and material** including all necessary cabling, cubicles, equipment and materials to complete the supply and the installation to interface with NEA Grid – SAS Project Phase 2 should not be part of the contract. **Bidder request to confirm the acceptance on above and delete the line item 2.12.4 from the price schedule.**	
91	Part 1 Schedule of Rates and Prices - Schedule No. I Substation Lekhnath Item No. 1.9.5, 1.9.6 Substation Damauli Item No. 2.10.9, 2.10.10, 2.10.11, 2.10.12, 2.10.13, 2.10.14, 2.10.15, 2.10.16	Kindly re-confirm that the below line item of price schedule is in the scope MV switchgear. • Price Schedule 1 Line-Item No. 1.9.5, • Price Schedule 1 Line-Item No. 1.9.6, • Price Schedule 1 Line-Item No. 2.10.9, • Price Schedule 1 Line-Item No. 2.10.10, • Price Schedule 1 Line-Item No. 2.10.11, • Price Schedule 1 Line-Item No. 2.10.12, • Price Schedule 1 Line-Item No. 2.10.13, • Price Schedule 1 Line-Item No. 2.10.14, • Price Schedule 1 Line-Item No. 2.10.15, • Price Schedule 1 Line-Item No. 2.10.16	Confirmed, protection relays for MV switchgear shall be installed in the MV switchgear cubicles.
92	Part 1 Schedule of Rates and Prices - Schedule No. I	Please confirm the Energy meters required for below line items are installed in separate Energy metering Panel. • Price Schedule 1 Line item 2.14.1	Confirmed, shall be installed in separate metering panel.

№	Reference	Clarification Request	Response
	2.14 Metering	• Price Schedule 1 Line item 2.14.2 • Price Schedule 1 Line item 2.14.3 • Price Schedule 1 Line item 2.14.4	
93	Part 1 Schedule of Rates and Prices - Schedule No. I 2.14 Metering	Please confirm the Energy meters required for below line items are part of MV Switchgear and no separate Panel is envisaged. • Price Schedule 1 Line item 2.14.4 • Price Schedule 1 Line item 2.14.5 • Price Schedule 1 Line item 2.14.6 • Price Schedule 1 Line item 2.14.7 • Price Schedule 1 Line item 2.14.8	Not confirmed, meters shall be installed in separate metering panel.
94	VII-1 Project Description and Scope of Works Clause No. 3.2.10 Synchrophasor Measurement Unit 3.3.11 Synchrophasor Measurement Unit And VII-5 Technical Specifications	"PMU measurement shall be integrated in a **Wide Area Monitoring system to be gradually deployed over the entire NEA transmission system.** Therefore, it shall comply with the P- class specification acc. to IEEE C37.118 and shall be synchronized to ……." As mentioned, **Wide Area Monitoring system will be implemented at later stage. Hence the** integration of PMU measurement in a Wide Area Monitoring system is under the scope of NEA. Also, the supply of any monitoring software for PMU will be in scope NEA. Please note that the WAM system including Software and the monitoring system are not in our manufacturing profile at present. Please confirm your acceptance.	The scope of PMU is clearly defined in in employer's requirement Part II subsection VII-1. If the proposed PMU has a specific software for configuration and etc., the software shall be provided. The software for WAMS is not included in the scope.

№	Reference	Clarification Request	Response
	9.9.17 Synchrophasor Measurement Unit		
95	VII-1 Project Description and Scope of Works 3.2.9 Control and Protection System One (1) extension of the existing low impedance busbar and breaker failure protection	"The existing 132kV bus configuration is single bus and transfer bus. Existing 87BB type is ABB REB670. The existing 87BB type ABB REB670 has spare capacity for two more channels, however, there are no spare terminals and peripheral devices." Kindly confirm the existing ABB REB 670 Relay model consists of spare CT Inputs of 8 No., spare Binary inputs and spare Binary Outputs for integration of Feeders E13 & E14. Software modification and Integration in Relay for addition of 2 No. of Bay E13 and E14 is considered under NEA scope of work.	The requirements of the specification shall be followed. All materials and integration works (including software modification) required to integrate the new bays (E13, E14) into the existing busbar protection system shall be part of the scope of Bidder / Contractor.
96	VII-1 Project Description and Scope of Works 3.2.9 Control and Protection System One (1) extension of the existing low impedance busbar and breaker failure protection	"The existing 132kV bus configuration is single bus and transfer bus. Existing 87BB type is ABB REB670. The existing 87BB type ABB REB670 has spare capacity for two more channels, however, there are no spare terminals and peripheral devices." Kindly confirm the Item No. in price schedule for site Lekhnath Substation as the Line Item No. for extension of the existing Low impedance Busbar and Breaker failure protection is not available in Price Schedule. Please amend.	For the terminals and peripheral devices item 1.9.8 can be used.
97	VII-1 Project Description and Scope of Works	"▪ one (1) Multifunctional protection terminal including line differential protection over fiber optic, distance protection with PTT and DT signaling, overcurrent phase …… thermal overload, out of step tripping, overvoltage/ undervoltage, fault locator (Main 1)	For 132 kV level, the same make is acceptable. For 220kV level, different makes are preferred. However, same makes will be considered for evaluation.

№	Reference	Clarification Request	Response
	3.2.9 Control and Protection System Two (2) 220 kV OHL Protection Terminals (D04, D06) including each Two (2) 315MVA 220 kV side autotransformer protection (D03, D07) including each	▪ one (1) Multifunctional protection terminal including, distance …… on to fault, synchrocheck, auto-reclosing, thermal overload, out of step tripping, overvoltage/ undervoltage, fault locator (Main 2) ▪ one (1) multifunctional protection terminal with differential protection, distance protection, directional …… overload, restricted earth fault protection, overexcitation (Main 1) ▪ one (1) multifunctional protection terminal with differential ……overload, restricted earth fault protection, overexcitation (Main 2) " Kindly confirm the if the same make of Main-1 & Main-2 Protection Relays are acceptable for 220kV & 132kV Line & Transformer for both sites.	
98	VII-1 Project Description and Scope of Works 3.2.11.2 Scope of Supply and Services (New Lekhnath)	"1 gateway for interfacing Existing Lekhnath 132 kV Substation RTU/SCADA " Kindly confirm the interfacing of new 220 kV & 132 kV Feeders in existing SAS at existing 132 kV Substation RTU / SCADA is considered under the scope of NEA.	According to the employer's requirements Part II subsection VII-1 §3.2.11.3, the split of responsibilities shall be as follows: The gateway for interfacing with Existing Lekhnath 132 kV Substation RTU/SCADA is no more required, the corresponding line item on page 43 of 110 shall be disregarded. The requirements for interfacing with the existing Lekhnath Substation are described in Clause 3.2.11.3.
99	VII-1 Project Description and Scope of Works 3.2.11.2 Scope of Supply and Services (New Lekhnath)	"1 gateway for interfacing Existing Lekhnath 132 kV Substation RTU/SCADA " Kindly confirm the Make, Software Version / Model No. of existing RTU / SCADA at existing Lekhnath Substation.	The information will be provided during the design stage. The gateway for interfacing with Existing Lekhnath 132 kV Substation RTU/SCADA is no more required, the corresponding line item on page 43 of 110 shall be disregarded. The requirements for interfacing with the existing Lekhnath Substation are described in Clause 3.2.11.3.

№	Reference	Clarification Request	Response
100	VII-5 Technical Specifications 10.1.3.2 Ethernet Toplogy	"Compliance with IEEE 1588 for a precision Clock synchronization protocol for networked measurement and control Systems to synchronize real-time clock " Kindly confirm the SNTP Protocol is also accepted for clock synchronization protocol instead of IEEE 1588 clock synchronization. IEEE 1588 Clock synchronization is used for Process Automation substation which consists of Merging units for digital substations, same is not applicable for this case. Kindly confirm.	Clock synchronization over SNTP protocol will be considered for evaluation. However, in a later stage during the detailed design it is subject to approval.
101	VII-9: Annex D5-2_Damauli SLD 220 kV OHL Bharatpur Line 1 220 kV OHL Bharatpur Line 2 220 kV OHL Tanahu HPP Line 1 220 kV OHL Tanahu HPP Line 2	Kindly confirm that the remote end Line Differential Protection Relay Ordering code in order to consider **same make and model number** of Line Differential Protection Relay in Damauli Substation for 220 kV Line Feeders of Bharatpur Line 1 & Line 2 and 220 kV Line Feeders of Tanahu HPP Line 1 & 2.	This is to be determined at design stage.
102	VII-1 Project Description and Scope of Works 3.3.10 Control & Protection System	"Six (6) 220 kV OHL Protection Terminals (D06, D07, D08, D13, D14, D15) including each: one (1) Multifunctional protection terminal including line differential protection over fiber optic, distance protection with PTT and DT signalling, overcurrent phase and earth back-up, directional overcurrent phase and earth fault with PTT signalling, switch on to fault, synchro check, auto-reclosing, thermal overload, negative sequence overcurrent, out of step tripping, overvoltage/ undervoltage, fault locator (Main 1) "	This is to be determined at design stage.

№	Reference	Clarification Request	Response
		Kindly confirm that the remote end Line Differential Protection Relay Ordering code in order to consider **same make and model number** of Line Differential Protection Relay.	
103	VII - 9 Annex D5-23 Principle Diagram for Spare Transformer Marshalling System	Kindly provide Specification of Marshalling System to be installed in Control Room and require for Spare Transformer.	Please refer to VII-1 Project Description and Scope of Works page 38 of 110 "Indoor Marshalling Panel for Transformer Control Circuits".
104	Part 1 Schedule of Rates and Prices - Schedule No. I 4. Special Tools	Bidder request to provide Makes and Model no. for each Special tools required as per Price Schedule **Special Tools** • SF6 gas service cart • SF6 gas filling cart • Analyser for gas measurement • Portable SF6 gas leakage detector in a case • Density guard testing device in a case • Precision gauge with hose in transport case • Tool box with torque spanner for GIS (each type if different), etc. • SF6 bottle (each type, if different) 40 kg (with gas) • Insulation resistance test set (range 0.5 –1.0 - 2.5 - 5 - 10 kV) • Calibration instruments for the line type heat detection • Tools and test equipment for **fore** detectors	This is to be proposed by the Bidder. Last item to read "Tools and test equipment for **fire** detectors"
105	VII-6 Technical Requirements - Civil Works 1.6.17	"Air-Conditioning and ventilation systems shall be provided as defined in VII-1 Scope and shall be selected, calculated, ...	Air-conditioning systems shall be provided foreach switchgear room and control / protection / telecommunication and metering

№	Reference	Clarification Request	Response
	HVAC and heating system works Switchgear Room	Table 1-3: Room conditions for design of HVAC and heating systems" As per Specifications room conditions mentioned Min. 20^0 C & Max. 28^0C should be maintained inside Switchgear Hall Please clarify which kind of system is required for switch gear Hall - Air-Conditioning - Wet Ventilation or - Dry Ventilation System	cabinet rooms, and for Damauli GIS rooms, as defined in VII-1 Scope 3.4.8.1 and 3.4.8.1.
106	VII-6 Technical Requirements - Civil Works 1.6.17 HVAC and heating system works Table 1-3: Room conditions for design of HVAC and heating systems Switchgear Room	In case of Dry/Wet ventilation system. Exhaust air will through manual/motorized dampers. Motorized dampers will be interlocked with DPT to maintain positive pressure inside building & no recirculation of air is considered in case of dry/wet ventilation system. Please confirm	Confirmed for rooms for which ventilation is specified.
107	VII-6 Technical Requirements - Civil Works	"Air-Conditioning and ventilation systems shall be provided as defined in VII-1 Scope and shall be selected, calculated, ...	Confirmed

№	Reference	Clarification Request	Response
	1.6.17 HVAC and heating system works Switchgear Room	Table 1-3: Room conditions for design of HVAC and heating systems" As per table the Unit Capacity is mentioned as 3 X 50% for Switchgear room. We understand that working configuration of selected units will be (2W + 1S). Please confirm.	
108	VII-6 Technical Requirements - Civil Works 1.6.17 HVAC and heating system works	"Air-conditioned areas shall be kept at a slight positive pressure in the building to prevent the Infiltration of humid, dust-laden air into the building. However, the battery room, kitchen and sanitary rooms shall have slight negative pressure. " Control of positive pressure inside Building not clear. We have considered 2 mm of positive pressure inside all rooms. Please clarify and confirm your acceptance.	Max, 2 mm of positive pressure inside rooms is acceptable. Battery room, kitchen and sanitary rooms shall have slight negative pressure, as per the specification.
109	VII-6 Technical Requirements - Civil Works 1.6.17 HVAC and heating system works	In the specification, Winter Heating Details are missing. Bidder understand that there is no heating required in winter conditions. Please confirm.	Requirements for minimum room temperatures are included in VII-6 Technical Requirements - Civil Works 1.6.17 Table 1-3. The technical concept for winter heating shall be developed by the Bidder / Contractor at design stage, subject to approval.

№	Reference	Clarification Request	Response
110	VII-6 Technical Requirements - Civil Works 1.6.17 HVAC and heating system works	In Cable Cellar Room bidder understand that Ventilation System Details are missing. Please confirm what type of Ventilation system required if required.	Ventilation is sufficient for cable cellar, details shall be developed by the Bidder / Contractor at design stage, subject to approval.
111	VII-6 Technical Requirements - Civil Works 1.6.17 HVAC and heating system works	Ventilation system for non-controlled areas like toilet, Corridor, Workshop, Kitchen etc. are not clear. Bidder understand that in non-Controlled area only ventilation system is required and Supply of Exhaust air as applicable. Please confirm.	In non-Controlled area ventilation system only is required. Battery room, kitchen and sanitary rooms shall have slight negative pressure, as per the specification.
112	VII-6 Technical Requirements - Civil Works 1.6.17 HVAC and heating system works	"For battery rooms, the conditions should be controlled to ensure temperature control within the optimum performance conditions advised by the manufacturer. Ventilation requirements must follow IEC 62485-1/2." Ventilation/AC system is not defined. We understand that for battery room only 1W +1S exhaust fans are required at 10 ACPH and fresh air intake will be though intake louvers. Please confirm.	Ventilation for battery rooms must the requirements of IEC 62485-1/2, as specified.

№	Reference	Clarification Request	Response
113	VII-6 Technical Requirements - Civil Works 1.6.17 HVAC and heating system works	"Other Auxiliary Areas " AC system details missing for Rooms like - SCADA room, Control Room, Metering Room, PLC Telecom Room, Meating Room, Office Room, 11 kV Switchgear , 33 kV Switch gear Room etc. Bidder understand that for areas other than GIS Hall, Cellar Room & non-Controlled area split/Cassette AC has to be provided for each room based on heat load calculation. No Centralized AC system is considered. Please confirm.	Rooms like - SCADA room, Control Room, Metering Room, PLC Telecom Room, Meeting Room, Office Room, 11 kV Switchgear, 33 kV Switch gear Room etc. shall be provided with air conditioning, as defined in VII-1 Scope 3.4.8.1 and 3.4.8.2. No Centralized AC system is considered for this category of rooms, split AC units (3 x 50% per room) are acceptable.
114	VII-5 Technical Specifications 16.5 "Wet" Firefighting System	Fire pump house mentioned Container type, however bidder understand that RCC Pump house is also acceptable. Please confirm.	The intent of this requirement is to have a prefabricated, factory tested system. Different solutions are acceptable subject to approval at design stage.
115	VII - 8 Technical Data Sheet 14.3.1	As per TDS, Fire water tank shall be 300 M^3 per hour. However, bidder understand that Tank Storage capacity shall be as per TDS only. However in case during execution after design calculation the capacity increases then the same shall have price implication.	The required volume is to be determined by the Bidder / Contractor, based on the applicable standards. The value of ">300M^3" in the data sheet is the minimum requirement and needs to be increased if required to satisfy the applicable standards. No price adjustment is applicable in this case.
116	VII - 8 Technical Data Sheet 14.3.1	As per TDS, Fire pump shall be >280m3/h. However, bidder understand that pump size capacity shall be as per TDS only. However in case during execution after design calculation the capacity increases then the same shall have price implication.	The required pump capacity is to be determined by the Bidder / Contractor, based on the applicable standards.

№	Reference	Clarification Request	Response
			The value of ">280m3/h" in the data sheet is the minimum requirement and needs to be increased if required to satisfy the applicable standards. No price adjustment is applicable in this case.
117	Layout Damauli Future feeder connections	a) As per Damauli tender layout EHV cable trench arrangement shown adjacent to building for future line feeder. Bidders understand that all 220kV GIS (future) feeder connections will be done by 220kV cable only. **Please confirm our understanding is correct.** b) If yes, then we have to consider the EHV cable trench in present scope or we have to provide only space provision. Please confirm. c) Please provide the length of the cable trench because the scope shown in Damauli 220kV GIS Layout is different than the MCA – 400kV GIS layout indicated.	a) Confirmed, 220kV GIS future feeder connections will be done by 220kV cable. b) Concrete cable channels shall be provided, as defined in VII-1 Scope 3.4.8.1 and 3.4.8.2and as indicated in VII-9: Annex D5-4 c) The 220 kV cable channels to the 400 kV Substation shall be built up to the fence towards the 400 kV Substation as defined in VII-1 Scope 3.4.8.1 and 3.4.8.2and as indicated in VII-9: Annex D5-4. The 220 kV cable channels towards the future 220 kV gantries shall be built to extend up to the end of the current gantries, so that they can be extended in future, as indicated in VII-9: Annex D5-4
118	Layout Damauli B/C and Bus PT location	Bus coupler and Bus PT sequence can be change in respective bus section to avoid clashing of bus duct with PEB column. Please confirm.	Subject to approval at design stage.
119	VII-9: Annex D5-2 220kV Spare Future Transformer Bay connections-Damauli	As per SLD, Bidder understand that, for AT-1 , AT-2 and Future Transformer (400/220kV Single phase) of MCA – Nepal project will have One common spare single phase transformer. And the necessary arrangement for the same to be done in 220kV GIS Room only. Please confirm.	One spare 400/220kV single phase transformer will serve for the single phase transformer banks AT-1 and AT-2. Space inside the GIS room for a fast transfer system with GIB and GIS disconnectors for the spare autotransformer shall be provided, as defined in VII-1 Scope 4.2.2and as indicated in VII-9: Annex D5-2

№	Reference	Clarification Request	Response
			(indicated with dotted line in SLD). .
120	220kV Spare Future Transformer Bay connections-Damauli	If above point is correct, then Auxiliary Connections of these 220kV side of transformer with Combination of 220kV cable and with bus duct or with 220kV cable arrangement only. Please clarify.	Space provision for a fast transfer system with GIB and GIS disconnectors shall be provided, as defined in VII-1 Scope 4.2.2and as indicated in VII-9: Annex D5-2 (indicated with dotted line in SLD).
121	Layout Lekhnath Auxiliary Bay for Spare Transformer	In the tender layout auxiliary bays for 220kV, 132, and 33kV shown on the fire wall. As per the scope No isolators (*2 nos. single phase required for each Voltage*) envisaged for Aux bus connection for 220kV & 132kV and 33kV tertiary bus. Please provide clear section drawing for the same. Please confirm Bidder shall consider the same over ground with suitable BPI with Al bus arrangement. please confirm	The principle of is described and shown in VII-1 Scope 3.2.1 "Transformer AIS equipment and auxiliary system for fast reconnection of the spare transformer unit". The spare transformer is connected to the transfer busses, no disconnectors are foreseen. In case of fault (or maintenance work) on one of the single-phase autotransformers, the conductor is manually disconnected from the faulty unit and reconnected to the transfer buses. Details have to be developed by Bidder / Contractor at design stage subject to approval.
122	Leknath 105MVA, 220/132kV 1Ph Spare Transformer	After commissioning the 105MVA, 220/132kV 1Ph Spare Transformer will be cold state always. In a situation of any fault in other single unit of Transformer, since this transformer will be in cold state Manual and hard terminations will be conducted. Also due to long period Oil filtration may require at Operation stage. Please confirm our understanding is correct.	Confirmed, after commissioning the 105MVA, 220/132kV 1Ph Spare Transformer will be cold stand by. The Bidder / Contractor shall specify the required measures the Employer need to take to keep the transformer in a condition that allows re-connection and operation when required and shall make the necessary provision that these activities can be carried out.
123	VII-9: Annex D5-24 New Damauli Substation Overall Layout and Project Phases	Please confirm Temporary Bridge for Site Development Works is not part of scope as shown in the Annex D5-24.	Confirmed, temporary Bridge for Site Development Works as shown in the Annex D5-24 is not part of scope and shall be disregarded..

№	Reference	Clarification Request	Response
124	Part 3 Section X. Contract Forms Contract Agreement	*„2. The following documents shall be deemed to form and be read and construed as part* *of this Agreement. This Agreement shall prevail over all other Contract documents. The* *precedence of the documents shall be as follows:* *(i) The Contract Agreement* *(ii) Minutes of Meeting of Contract Clarifications* *(iii) Letter of Acceptance* *(iv) The Letter of Bid (T* *(v) he signed Declaration of Undertaking* *(vi) The Addenda nos. _____ and Clarifications to the Bidding Documents* *(vii) Particular Conditions of Contract* *(viii) General Conditions of Contract* ***(ix) Employer's Requirements*** ***(x) Price Schedules*** *(xi) Clarifications to Contractor's Bid* *(xii) Contractor's Bid"* Bidders understand that the Order of precedence for bid submission is as follows: 1) Price Schedule 2) Project Scope of work 3) Technical Data Sheet 4) Drawings 5) Technical Specification Please confirm our understanding is correct.	The precedence of the documents shall be as defined in Part 3, Section 9, Specific Provisions 1.5 / Section X. Contract Forms.
125	Transmission line interfaces	Bidder understand that any Transmission Line Accessories (e.g. Disc Insulator, Conductor, Hardware jumper, Clamps etc.) required for to	Please refer to Part II, VII-1 Project Description and Scope of Works, Clause 4.

№	Reference	Clarification Request	Response
		interconnect to Incoming OHL Transmission line for 220kV / 132kV at Lekhnath and Damauli is part of customer scope. Please confirm.	
126	Battery limit for 33kV Switchgear	Bidder request to clarify to following: 1) Bidder scope is limited to 33kV Switchgear only. There is no A2 Structure or Tower gantry to be installed and no AIS equipment is applicable for 33kV voltage level at line side. Any Line incoming cable connection to the 33kV Switchgear will be customer scope. 2) Please provide cable Size or Current rating (Ampere) for 11kV Line accordingly the cable trench will be design. 3) Cable Termination kits for Line bays to be supplied along with 33kV Switchgear. If yes please provide Size / type of cable.	1) Bidder scope is limited to 33kV Switchgear, 33 kV cable connections between 33 kV switchgear and transformers and outgoing feeder cable channel, as described in Part II, VII-1 Project Description and Scope of Works and indicated in VII-9 Annex D5-2. No A2 Structure or Tower gantry to be installed and no AIS outdoor equipment is applicable for 33kV voltage level at line side. 2) Cable trench size shall be proposed by the Bidder / Contractor during design phase, based on feeder number of feeders and rating of 11 kV switchgear, subject to approval. 3) Cable Termination kits for Line bays to be supplied for 33 kV cable connections between 33 kV switchgear and transformers. Cable size shall be proposed by the Bidder / Contractor during design phase, subject to approval. For outgoing feeders no cable terminations to be supplied.
127	Battery limit for 11kV Switchgear.	Bidder request to clarify following: 1) Bidder scope is limited to 11kV Switchgear only. There is no A2 Structure to be installed. Any Line incoming cable connection to the 11kV Switchgear will be customer scope. 2) Please provide cable Size or Current rating (Ampere) for 11kV Line accordingly the cable trench will be design.	1) Cable connections between 11 kV switchgear and transformers and distribution OHL pole location on the north side of the substation towards the river shall be provided, as described in Part II, VII-1 Project Description and Scope of Works and indicated in VII-9 Annex D5-2. No A2 Structure to be installed.

№	Reference	Clarification Request	Response
		3) Cable Termination kits for Line bays to be supplied along with 11kV Switchgear. If yes please provide Size / type of cable.	2) Cable trench size shall be proposed by the Bidder / Contractor during design phase, based on number of feeders and feeder rating of 11 kV switchgear, subject to approval. 3) Cable Termination kits for Line bays to be supplied for all 11 kV cables. Cable size shall be proposed by the Bidder / Contractor during design phase, subject to approval.
128	Part 2, VII-9 Annex D5-3_ Lekhnath Layout Annex D5-4_ Damauli Layout	Different OEM of GIS is having different bay width. Bidder request to confirm GIS Building size for each voltage level will be optimised or increased based on Proposed GIS manufacturer. However Tender layout is indicative for orientation purpose. Please confirm our understanding is correct and confirm your acceptance.	GIS Building may be optimised or increased based on Proposed GIS manufacturer, subject to approval. Adequate clearance for maintenance and operation must be ensured.
129	Part 2, VII-9 Annex D5-3_ Lekhnath Layout Annex D5-4_ Damauli Layout	Control Room Building will be as per Tender layout. Please confirm our understanding is correct and confirm your acceptance.	The control building layout is indicative for orientation purpose and shall be further developed and optimised or increased based on proposed equipment, subject to approval. Number and size of non-technical rooms in the tender layout constitute minimum requirements and shall not be reduced. Adequate clearance for maintenance and operation must be ensured.
130	Part 2, VII-9 Annex D5-2_ Damauli SLD Annex D5-4_ Damauli Layout	Control Room Building will be as per Tender layout. Please confirm our understanding is correct and confirm your acceptance.	The control building layout is indicative for orientation purpose and shall be further developed and optimised or increased based on proposed equipment, subject to approval. Number and size of non-technical rooms in the tender layout constitute minimum requirements and shall not be reduced. Adequate clearance for maintenance and operation must be ensured.

№	Reference	Clarification Request	Response
131	Part 2, VII-9 Annex D5-1_ Lekhnath SLD Annex D5-3_ Lekhnath Layout	Control Room Building will be as per Tender layout. Please confirm our understanding is correct and confirm your acceptance.	The control building layout is indicative for orientation purpose and shall be further developed and optimised or increased based on proposed equipment, subject to approval. Number and size of non-technical rooms in the tender layout constitute minimum requirements and shall not be reduced. Adequate clearance for maintenance and operation must be ensured.
132	Part 2, VII-9 Annex D5-1_ Lekhnath SLD Annex D5-3_ Lekhnath Layout	220/132kV Auxiliary bus connection for each single-phase Transformer – 105MVA will be done by High Bus post arrangement on Firewall as shown in Drawing of Project Scope of work and Layout of Lekhnath. Also as shown in Lekhnath Layout drawing Incoming line is connecting to mid of Transformer / High Bus post tower on Firewall. Now Bidder understand that Tower may require to connect the 132kV Incoming Transmission line. Accordingly Set of Towers will be part of scope. Please clarify and confirm our understanding is correct.	Gantry shall be provided for the incoming 132 kV line of each main transformer. This gantry shall permit connection of the incoming line to either the 132 kV transformer bushing or to the 132 kV transfer bus.
133	Part 2, VII-9 Annex D5-1_ Lekhnath SLD Annex D5-3_ Lekhnath Layout	33kV Auxiliary bus connection for each single phase Transformer – 105MVA will done by 33kV Cable only in order to future movement on the rail. Please confirm.	Subject to approval at design stage.
Commercial			
134	Part 3 Section IX Particular Conditions (PC)	Following Completion and Deemed Completion clause to be added to the Particular Conditions: (a) As soon as the Contractor achieves the Works Completion of	The request is not a request for clarification pursuant to Parti I Bidding Procedures, Section I. Instructions to Bidders, Item 7. It is effectively a request of amendment to the Bidding Documents and as such it cannot be entertained.

№	Reference	Clarification Request	Response
		the contract works, it shall issue to the Employer a notice (Notice of Works Completion) informing about the completion of the work. (b) Within 14 days following receipt of the notice of works completion, the Employer shall issue the Completion Certificate to Contractor, failure to which it shall be considered that the work has been successfully completed as on the date of the contractor's notice & Deemed Completion Certificate will be considered to have been issued. (c) Completion is also deemed to have taken place if the Works or any part thereof are put to use by the Employer. (d) If Commissioning is delayed due to reasons not attributable to Contractor, Contractor shall be allowed to demobilize the site after 2 months waiting and shall provide commissioning support as & when required. Consequently, retention payment (if any) to be released against BG. The Defect Liability Period shall be deemed to have be started from the date of the such Deemed Completion Certificate. Please confirm.	
135	Part 3 Section IX Particular Conditions (PC) PC 14.16	Bidder request to add to the end of the paragraph as below: Custom Duty shall be issued to the Authorities within 3 days of submission of request for Duty payment by Contractor. In case of delay by Employer, the Contractor shall be entitled to time & cost reimbursement. Any detention or Demurrage due to delay in issuance of Custom Duty payment should be borne by the Employer based on the documentary evidence provided by the Contractor.	The request is not a request for clarification pursuant to Parti I Bidding Procedures, Section I. Instructions to Bidders, Item 7. It is effectively a request of amendment to the Bidding Documents and as such it cannot be entertained.
136	Part 3	Please confirm on the following: There is a favourable Double Taxation Avoidance Agreement (DTAA)	Bidder may refer to PC, Part B, Sub-clause 14.16 Taxation, item (g) under header 'Duties on Equipment, Plant, Materials and Supplies'

№	Reference	Clarification Request	Response
	Section IX Particular Conditions (PC) PC 14.16	available between Government of Nepal and contractor's country (India). We understand that as per the Double Taxation Avoidance Agreement (DTAA) agreement between India and Nepal, Customer should not deduct any taxes while making the payments for offshore supplies scope.	
137	Part 3 Section IX Particular Conditions (PC) PC 14.16	Please clarify on the below pointwise related to the taxes and duties applicable for this project: i) Nepalese VAT on the offshore contract price is exempted for the project items ii) 1% Concessional custom duty applicable for the items imported from abroad. The same shall be reimbursable by NEA, iii) No TDS deduction by NEA on the supply items to be imported from outside Nepal.	Bidder may refer to PC, Part B, Sub-clause 14.16 Taxation.
138	Part 3 Section IX Particular Conditions (PC) PC 14.16	Please confirm, during the course of the project, any statutory variation in taxes and duties (viz.VAT,Custom duty,TDS,any other local taxes etc.) in Nepal shall be reimbursed to contractor by NEA (Employer).	As per PC, Part A, Sub-clause 1.4 the Contract shall be governed by the Law of Republic of Nepal.
139	Part 3 Section IX Particular Conditions (PC)	We understand the land for construction is already acquired by NEA and NEA will provide contractor encumbrance free land during award of contract. Any disputes arising against land acquisition of land provided by NEA during construction of works will be taken care by NEA. Kindly confirm.	Right of access to site is dealt with in GC s/c 2.1 and corresponding s/c in Particular Conditions.
140	Part 3 Section IX Particular Conditions (PC)	We understand that NEA shall take all necessary construction licenses of site before the effective date of the contract.	As per particular conditions, s/c 2.1, the Contractor shall consider a time window of 8 months between the time the application is placed, and the work permit is issued. The Contractor's Programme shall duly allow for this requirement.
141	Part 3	Please confirm that Right of Way is in Employer's scope.	Right of way is not applicable for the Substation package.

№	Reference	Clarification Request	Response
	Section IX Particular Conditions (PC)		
142	Part 3 Section IX Particular Conditions (PC) PC- 14.2	We understand that letter of credit shall be opened at the time of contract signing for the full value of contract (including offshore and onshore scope).Please confirm.	Bidder may refer to PC, Part B, Sub-clause 14.4 and 14.7. The LC opening procedure will be initiated by the Employer upon Contract signing.
143	Part 1 Section II Bid Data Sheet (BDS)	Please confirm whether land for project sites is acquired by the Employer for this whole project.	The Employer has acquired the entire project area.
144	Part 3 Section IX Particular Conditions (PC) ITB- 2.1- Sources of Funds	Please confirm: We understand that NEA has signed the financial closure loan agreement with kFw Development bank,Germany.The funding will cover both off shore and on shore portion payments.	As per Section IX. Particular Conditions, s/c 14.7, part of payments shall be conducted in accordance with the Direct Disbursement Procedure of KfW Development Bank. The remaining part of payments shall be conducted in accordance with NEA Procedures. Further details in mentioned clause.
145	Part 3 Section IX Particular Conditions (PC)	Please confirm: We understand that Funding for the complete project is by Government of Nepal and Kfw development bank, Germany. And all the payment will be released by kFw Development bank, Germany directly after certification of Contractor's invoices from Employer (NEA).	As per Section IX. Particular Conditions, s/c 14.7, part of payments shall be conducted in accordance with the Direct Disbursement Procedure of KfW Development Bank. The remaining part of payments shall be conducted in accordance with NEA Procedures. Further details in mentioned clause.
146	Part 3 Section IX Particular Conditions (PC)	Statutory approvals, tree cutting, forest clearance, site clearances, access to site and right of way are in the scope of Employer. Please confirm.	Tree cutting, forest clearance, and right of way are not applicable for Substation package. Site clearance is included in Contractor's scope of works (ref. Employer's Requirements, Section VII-1 §3.4.6 and Section §2.4.3). Access to site is dealt with in GC s/c 2.1 and corresponding s/c in Particular Conditions. As per Employer's Requirements, Section VII-1 §3.4.3, Contractor shall prepare and submit drawings for statutory approvals of local authorities and of the agencies.

№	Reference	Clarification Request	Response
147	Part 3 Section IX Particular Conditions (PC)	Please add the following as a separate clause: The Parties acknowledge the worldwide outbreak of the COVID-19, which is likely to affect the execution of the Agreement. The Parties agree that Supplier shall be entitled to reasonable adjustments of the Delivery Schedule/ milestones/ delivery dates as well as to reimbursement of costs to the extent the delay and the costs are caused directly or indirectly by the outbreak of COVID-19.	The request is not a request for clarification pursuant to Parti I Bidding Procedures, Section I. Instructions to Bidders, Item 7. It is effectively a request of amendment to the Bidding Documents and as such it cannot be entertained.
148	Part 3 Section IX Particular Conditions (PC) PC 4.2	In case of award of contract, can a bidder submit the Advance bank guarantee and Performance Bank Guarantee from a bank located in Bidder's country.	As per PC s/c 4.2 and 14.2 if the bank or financial institution issuing the guarantees is located outside of Nepal, it shall have a correspondent financial institution located in the Nepal (A Class financial institution) to make it enforceable.
149	Part 3 Section IX Particular Conditions (PC) PC 14.16 Taxation	In the event of any change in taxes or addition/deletion of statutes in the applicable Taxation laws etc.in the country of the bidder, there shall be impact on the final cost for the project. The Bidder requests that during the contract period, any change in taxes and duties in the country of origin to be re-imbursed by the customer to the contractor for equipment and services strictly against submission of documentary evidence. Please confirm. Bidder requests the above confirmation.	As per PC, Part A, Sub-clause 1.4 the Contract shall be governed by the Law of Republic of Nepal.
150	Part 1 Section II Bid Data Sheet (BDS)	Please add the following clause as a separate clause in the Particular Conditions: Notwithstanding anything mentioned above, Overall liability shall be limited to 100% of the Contract Value in all circumstances .	The request is not a request for clarification pursuant to Parti I Bidding Procedures, Section I. Instructions to Bidders, Item 7. It is effectively a request of amendment to the Bidding Documents and as such it cannot be entertained.

№	Reference	Clarification Request	Response
151	Part 3 Section IX Particular Conditions (PC)	Please confirm: We understand that Bid Security shall be addressed to: NEPAL ELECTRICITY AUTHORITY (NEA), Address: Lekhnath Damauli 220 kV Transmission Line Project Lekhnath Substation, Badahare, Pokhara Metropolitan city ward no. 27, Kaski, Gondaki Province, Nepal City: Pokhara ZIP Code: 33700 Country: Nepal	Confirmed.
152	Part 3 Section IX Particular Conditions (PC)	We understand that Taking over of individual substation are acceptable to NEA. Reconciliation, closure of payment and warranty shall be considered for individual substation wise from the date of Taking over certificate by NEA.	Taking over of individual substations is not foreseen.
153	Part 3 Section IX Particular Conditions (PC) PC 18.1 Insurance	Please confirm whether the entire Insurance has to be taken from Nepalese agency or it can be taken from Bidder's country.	There are no specific requirements regarding the Country of residence of agency of agencies issuing the Project insurances.
154	Part 3 Section IX Particular Conditions (PC) PC 18.1 Insurance	Please confirm whether the Marine Insurance can be taken from Bidder's country and EAR Insurance from Employer's country.	There are no specific requirements regarding the Country of residence of agency of agencies issuing the Project insurances.
155	Part 3 Section IX Particular Conditions (PC) PC- 14.2	For Plant and Mandatory Spare Parts Supplied from Abroad, We understand that all the payments except 10% Advance payments shall be made thru Irrevocable Letter of Credit under the	Please refer to Particular Conditions, s/c 14.7.

№	Reference	Clarification Request	Response
		Schedule No.1. Please confirm.	
156	Part 3 Section IX Particular Conditions (PC) PC 8.1	Please modify the existing clause as mentioned below: Commencement of Works 8.1 The complete sub-clause is deleted and replaced by the following: The Commencement Date is the date on which all the following conditions have been fulfilled: · The complete set of Contract Documents has received KfW's non-objection · The Contract Agreement has been signed · The Contractor has submitted to the Employer the Performance Guarantee and the Advance Payment Guarantee, in line with the provisions of the Contract · The Advance Payment to the Contractor has been made. The employer has established letter of credit for the full value of contract in favour of contractor. The Employer handed over clear sites including necessary permits. The Contractor shall establish the local branch office in Nepal within 56 days after the Contractor receives the Letter of Acceptance. In case the above-mentioned conditions will not be fulfilled due to the fault of the Contractor latest 3 months after the receipt of the Letter of Acceptance, the Employer reserves the right to cancel the whole Award.	The request is not a request for clarification pursuant to Parti I Bidding Procedures, Section I. Instructions to Bidders, Item 7. It is effectively a request of amendment to the Bidding Documents and as such it cannot be entertained.
157	Part 3	*"Grant 1.1.4.13 KfW Development Bank has given the grant of 19,000,000 EUR to Nepal Electricity Authority for Lekhnath Damauli 220 kV Transmission Line Project"*	Bidder may refer to PC, Part A, Sub-clause 1.1.4.13.

№	Reference	Clarification Request	Response
	Section IX Particular Conditions (PC) Part A / 1.1.4.13	Please confirm: We request you to confirm the amount allocated for Package B - Substation Package.	
158	Part 3 Section IX Particular Conditions (PC) 14.2 Total advance payment	We understand that this Advance payment is Interest free Advance. Please confirm.	Confirmed.
159	Part 3 Section IX Particular Conditions (PC) 14.2 Total advance payment	We understand that this 10% Advance payment shall be applicable on both Offshore and Onshore portion of project.	Confirmed.
160	Part 3 Section IX Particular Conditions (PC) 17.6	Please modify the existing clause as mentioned below: Maximum total liability of the Contractor to the Employer ~~1.1 times~~ 1 time the Accepted Contract Amount. As per previous NEA/Funded tenders the limitation of liability is set as 1 time the contract amount. We request to kindly accept the same limitation of liability for this tender.	The request is not a request for clarification pursuant to Parti I Bidding Procedures, Section I. Instructions to Bidders, Item 7. It is effectively a request of amendment to the Bidding Documents and as such it cannot be entertained.
161	Part 3 Section IX Particular Conditions (PC) 1.2	*"At the end of Sub-Clause 1.2, insert: Under these Conditions, provisions including the ex-pression "Cost plus reasonable profit" defines this profit to be one twentieth (5%) of these Costs."* Please clarify this clause.	The clause intends to specify that whenever the wording "Cost plus reasonable profit" is encountered in the Contract, profit is defined as one twentieth (5%) of these Costs.
162	Part 3	For Offshore Supply and Onshore Supply Payments, We understand that except 10% Advance payments, the entire 90% payments shall be paid to Contractor thru Irrevocable Letter of Credit .	Bidder may refer to PC, Part B, Sub-clause 14.4 and 14.7.

№	Reference	Clarification Request	Response
	Section IX Particular Conditions (PC) PC- 14.2	Please confirm.	
163	Part 3 Section IX Particular Conditions (PC) PC- 14.2	For Onshore and Offshore Services, We understand that except 10% Advance payments, the entire 90% payments shall be paid by kFw Development bank to Contractor thru Irrevocable Letter of Credit within 56 days. Please confirm.	Bidder may refer to PC, Part B, Sub-clause 14.4 and 14.7.
164	Part 3 Section IX Particular Conditions (PC) PC- 14.4	Please modify the existing payment terms as mentioned below: PC- 14.4 Schedule for payments Delete the Sub-Clause entirely and replace by: The Contractor shall be paid the Contract sum in the following manner, adjusted so as to give effect to such additions thereto and such deductions there from as per the provisions of the General and Particular Conditions of Contract: Plant and Mandatory Spare Parts Supplied from Abroad: In respect of Plant and Equipment supplied the following payments shall be made: ~~Ten~~ Twenty percent (~~10%~~ 20%) of the total CIP amount as an advance payment against receipt of invoice and an irrevo-cable advance payment security for the equivalent amount made out in favor of the Employer. The advance payment security may be reduced in proportion to the value of the Plant and Equipment shipped or delivered to the site, as evidenced by shipping and delivery documents.	The request is not a request for clarification pursuant to Parti I Bidding Procedures, Section I. Instructions to Bidders, Item 7. It is effectively a request of amendment to the Bidding Documents and as such it cannot be entertained.

№	Reference	Clarification Request	Response
		Seventy percent (70%) of the total or pro rata CIP amount upon delivery to site within 56 days after receipt of invoice and shipping documents shall be paid through irrevocable Letter of Credit. This Letter of Credit shall be subject to the Uniform Customs and Practice for Documentary Credits 2007 Revision, ICC Publication No. 600 KfW shall pay the amount certified for each Interim Payment Certificate until KfW´s funds dedicated to the interim payment are used. After the complete utilization of these KfW funds, NEA shall pay to the Contractor the amount certified for each Interim Payment Certificate until the 70% of Price Schedule I Plant and Mandatory Spare Parts Supplied from Abroad is reached. ~~Five percent (5%) after the erection of the supplied part~~ ~~Ten~~ Five percent (~~10%~~5%) of the total or pro rata CIP amount upon issue of the Taking Over within 56 days after receipt of invoice. Five percent (5%) of the total or pro rata CIP amount upon issue of the Performance Certificate, within 56 days after receipt of invoice Plant and Mandatory Spare Parts Supplied from within the Employer's Country: In respect of Plant and Equipment supplied the following payments shall be made: ~~Ten~~ Twenty percent (~~10%~~20%) of the total EXW amount as an advance payment against receipt of invoice and an irrevo-cable	

№	Reference	Clarification Request	Response
		advance payment security for the equivalent amount made out in favor of the Employer. The advance payment security may be reduced in proportion to the value of the Plant and Equipment shipped or delivered to the site, as evidenced by shipping and delivery documents. Seventy percent (70%) of the total or pro rata EXW amount upon delivery to site within 56 days after receipt of invoice. ~~Five percent (5%) after the erection of the supplied part~~ ~~Ten~~ Five percent (~~10%~~5%) of the total or pro rata EXW amount upon issue of the Taking Over within 56 days after receipt of invoice. Five percent (5%) of the total or pro rata EXW amount upon issue of the Performance Certificate, within 56 days after receipt of invoice. Design Services: In respect of other items and services, the following payments shall be made: Ten percent (10%) of the total amount as an advance payment against receipt of invoice and an irrevocable advance payment security for the equivalent amount made out in favor of the Employer. Ninety percent (90%) of the total or pro rata amount other items and services amount, as listed in Schedule No. 3, performed by the Contractor, evidenced by the Employers' authorization of the Contractor's application, will be made within 56 days after receipt of invoice. Installation and other Works:	

№	Reference	Clarification Request	Response
		In respect of erection, installation, commissioning services and other works, the following payments shall be made: ~~Ten~~ Twenty percent (~~10%~~20%) of the total services amount as an advance payment against receipt of invoice and an irrevocable advance payment security for the equivalent amount made out in favor of the Employer. The advance payment security may be reduced in proportion to the value of Work performed by the Contractor as evidenced by the invoices for services. Seventy-five percent (75%) of the measured value of Work performed by the Contractor, as identified in the said Program of Performance, during the preceding month, as evidenced by the Employer's authorization of the Contractor's application, will be made monthly within 56 days after receipt of invoice. ~~Ten~~ 2.5% percent ~~(10%)~~ of the total or pro rata value of services performed by the Contractor as evidenced by the Employer's authorization of the Contractor's monthly applications, upon issue of the Taking Over Certificate, within 56 days after receipt of invoice. ~~Five~~ 2.5%percent ~~(5%)~~ of the total or pro rata value of services performed by the Contractor as evidenced by the Employer's authorization of the Contractor's monthly applications, upon issue of the Performance Certificate, within 56 days after receipt of invoice.	

№	Reference	Clarification Request	Response
165	Part 3 Section IX Particular Conditions (PC)	Please add the following clause as a seperate clause in the contract: Contractor shall in no event be liable, whether pursuant to any indemnity or in contract, tort (including negligence and statutory duty) or otherwise for loss of profit or revenue, loss of production, interruption of operations or loss of use, cost of capital, loss of interest, loss of information and/or data, for claims arising from Customer's contracts with third parties, loss of power, cost of purchased or replacement power, or for any indirect or consequential damage.	The request is not a request for clarification pursuant to Parti I Bidding Procedures, Section I. Instructions to Bidders, Item 7. It is effectively a request of amendment to the Bidding Documents and as such it cannot be entertained.
166	FIDIC terms- GCC 1.10	We understand that only the non-IPR related drawings and documents/ as-built drawings and documents need to be provided under this clause. Please confirm.	Contractor's Documents are defined in GC s/c 1.1.6.1.
167	FIDIC terms- GCC 11.4	Please modify the existing clause as mentioned below: GCC 11.4 Failure to Remedy Defects If the Contractor fails to remedy any defect or damage within a reasonable time, a date may be fixed by (or on behalf of) the Employer, on or by which the defect or damage is to be remedied. The Contractor shall be given reasonable notice of this date. If the Contractor fails to remedy the defect or damage by this notified date and this remedial work was to be executed at the cost of the Contractor under Sub-Clause 1 1 .2 [Cost of Remedying Defects], the Employer may (at his option):	The request is not a request for clarification pursuant to Parti I Bidding Procedures, Section I. Instructions to Bidders, Item 7. It is effectively a request of amendment to the Bidding Documents and as such it cannot be entertained.

№	Reference	Clarification Request	Response
		(a) carry out the work himself or by others, In a reasonable manner and at the Contractor's cost, but the Contractor shall have no responsibility for this work; and the Contractor shall subject to Sub-Clause 2.5 [Employer's Claims] pay to the Employer the costs reasonably incurred by the Employer in remedying the defect or damage; (b) require the Engineer to agree or determine a reasonable reduction in the Contract Price in accordance with Sub-Clause 3.5 [Determinations]', ~~or~~ ~~(c) if the defect or damage deprives the Employer of substantially the whole benefit of the Works or any major part of the Works, terminate the Contract as a whole,or In respect of such major part which cannot be put to the intended use.~~ ~~Without prejudice to any other rights, under the Contract or otherwise, the Employer shall then be entitled to recover all sums paid for the Works or for such part (as the case may be), plus financing costs and the cost of dismantling the same, clearing the Site and returning Plant and Materials to the Contractor.~~	
168	Part 3 Section IX Particular Conditions (PC) PC 8.1	We understand that non-objection related to Contract documents from KfW has to be obtained by Employer (NEA) only. Please confirm.	Confirmed.
169	Part 1 Section II Bid Data Sheet (BDS) BDS- ITB- 17.7	We request for the price variations for all the Electrical and Service items as per IEEMA basis considering the long duration of the project and fluctuating market conditions..	The request is not a request for clarification pursuant to Parti I Bidding Procedures, Section I. Instructions to Bidders, Item 7. It is effectively a request of amendment to the Bidding Documents and as such it cannot be entertained.
170	Part 3 Section IX Particular Conditions (PC)	We understand that the Custom duties on all imported items cited in schedule-1 is shall be paid / reimburse by NEA directly to Customs department / Contractor.	Bidder may refer to PC, Part B, Sub-clause 14.16 Taxation, item (c) and (d) under header 'Duties on Equipment, Plant, Materials and Supplies'

№	Reference	Clarification Request	Response
	PC- 14.16	2) Further we understand the VAT on all imported items cited in schedule-1 is either exempted / reimbursed even if the imported items are invoiced locally. Please confirm our understanding is correct.	
171	Part 1 Section II Bid Data Sheet (BDS) BDS- ITB- 19.1	Request you to decrease the Bid validity till 120 days.	The request is not a request for clarification pursuant to Parti I Bidding Procedures, Section I. Instructions to Bidders, Item 7. It is effectively a request of amendment to the Bidding Documents and as such it cannot be entertained.
172	Part 1 Section II Bid Data Sheet (BDS) BDS- ITB- 8.7	Request you to modify the existing clause as mentioned below: Maximum amount of delay damages ~~10%~~ 5% of the final unexecuted Contract Price	The request is not a request for clarification pursuant to Parti I Bidding Procedures, Section I. Instructions to Bidders, Item 7. It is effectively a request of amendment to the Bidding Documents and as such it cannot be entertained.
173	Part 3 Section IX Particular Conditions (PC) PC- 11.12	*"Critical Equipment-Add the following new Sub-Clause: Extended Defect Liability Period: 1095 days "* Request you to delete the entire clause.	The request is not a request for clarification pursuant to Parti I Bidding Procedures, Section I. Instructions to Bidders, Item 7. It is effectively a request of amendment to the Bidding Documents and as such it cannot be entertained.
174	Part 3 Section IX Particular Conditions (PC) PC - 4.2	Request you to modify the existing clause as mentioned below: The Performance Security will be in the form of an unconditional bank guarantee in the amount(s) of ~~10%~~ 5%(~~ten~~ five percent) of the Contract Price ("Performance Bond").	The request is not a request for clarification pursuant to Parti I Bidding Procedures, Section I. Instructions to Bidders, Item 7. It is effectively a request of amendment to the Bidding Documents and as such it cannot be entertained.
175	Part 3 Section IX Particular Conditions (PC) PC - 14.2	Request you to modify the existing clause as mentioned below: ~~10%~~ 20% Percentage of the Accepted Contract Amount	The request is not a request for clarification pursuant to Parti I Bidding Procedures, Section I. Instructions to Bidders, Item 7. It is effectively a request of amendment to the Bidding Documents and as such it cannot be entertained.
176	Part 3 Section IX Particular Conditions (PC)	Request you to modify the existing clause as mentioned below: Limit of Retention Money: ~~15%~~ 10% of the Accepted Contract Amount.	The request is not a request for clarification pursuant to Parti I Bidding Procedures, Section I. Instructions to Bidders, Item 7. It is effectively a request of amendment to the Bidding Documents and as such it cannot be entertained.

№	Reference	Clarification Request	Response
	PC - 14.3	For better financial management we request that all final payments- and retention may be released up on issuance of Taking of certificate. This will enable better cash flows and will avoid loading of financial loading in the bid.	
177	Part 3 Section IX Particular Conditions (PC) PC - 14.9	Request you to modify the existing clause as mentioned below: First Part (~~10%~~ 5%) after issuance of Taking-over Certificate. Second Part (5%) after issuance of the Performance Certificate.	The request is not a request for clarification pursuant to Parti I Bidding Procedures, Section I. Instructions to Bidders, Item 7. It is effectively a request of amendment to the Bidding Documents and as such it cannot be entertained.
178	Part 3 Section IX Particular Conditions (PC) PC - 1.1.1	We understand that non-objection related to Contract documents from KfW has to be obtained by Employer (NEA) only. Please confirm.	Confirmed.
179	Part 1 Section I Instruction to Bidders (ITB) ITB- 40.5	We request you to confirm the estimate for this tender.	Publication of cost estimate is not envisaged for this Tender Process.
180	Part 3 Section IX Particular Conditions (PC)	Please add the following as a separate clause in PC. There is no provision of reimbursement of prolongation cost in case project extends beyond original completion period , for reasons not attributable to Contractor.	The request is not a request for clarification pursuant to Parti I Bidding Procedures, Section I. Instructions to Bidders, Item 7. It is effectively a request of amendment to the Bidding Documents and as such it cannot be entertained.