



NEPAL ELECTRICITY AUTHORITY

(Government of Nepal Undertaking)

Transmission Directorate

Nepal India Electricity Transmission and Trade Project (NIETTP)

HETAUDA-BHARATPUR-BARDAGHAT 220 KV TRANSMISSION LINE PROJECT



Country: Nepal

Project: HETAUDA-BHARATPUR-BARDAGHAT 220 KV TRANSMISSION LINE PROJECT

Bid Title: Procurement of plant design, Supply, Installation, Testing and Commissioning of Hetauda-Bharatpur 220 KV Transmission Line Project

Reference No. NIETTP-AF-HB-ICB-02

Clarification No. 1

S.No.	Bidder Queries	Reference to Bid Document	NEA Clarification
A. Technical			
1	Related Drawings	Drawings	All related drawing will be provided during the time of purchase of Bid.
2	Defect Liability Period (DFP) for employer supplied materials as well as existing constructed towers	Condition of Contract	Provision of bidding document shall govern.
3	Prototype testing of tower	BoQ Schedule 4 (c)	Prototype testing of 4 DD tower is in the scope of the contract.
4	Technical Parameters of GSW 7/3.35 mm	Vol II , Technical Specifications	Provision of bidding document shall govern.
5	Need to clarify the 5 % retention against the Operational Acceptance if the commissioning of line gets delayed due to reasons attributable to the Employer	General condition of contract	Provision of bidding document shall govern.
6	Please Confirm Form EXP-3 is required as per format given in the tender document.	Section IV: Bidding Forms	Provision of bidding document remains unchanged.
7	request you to please provide Coordinates of the Transmission Line Route, Climatic Conditions and General Technical Particulars For the subject project.	General	All necessary data and information is provided in bidding documents
8	we understand that the progressive payment shall be made through LC and the LC opening charges shall be borne by the Employer. Please Confirm.	Appendix: 1. Schedule No. 1 Plant and Equipment Supplied from Abroad	Refer Bidding document and related addendum
9	Please provide us the payment methodology of (a) Part A : Local Transportation, Insurance and Other Incidental Services (b) Part C : Type Test Charges for Type Tests to be conducted Abroad.	Appendix: 1. Schedule No. 1 terms of Payment	Refer Bidding document and related addendum
10	We understand that the Operational acceptance shall mean successful commissioning of the transmission line. Please confirm.	Appendix: 1. Schedule No. 1 terms of Payment	Provision of bidding document shall govern.

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11	We understand that the design of all types of towers and foundations shall be provided by M/s. NEA to the successful contractor. Therefore, design of towers, foundations and type testing of tower is not in the scope of the bidder. Please confirm.	General	Please refer scope of contract.
12	We understand that the ACSR Bison conductor and AACSR Bison conductor can be supplied in returnable steel drums. Please confirm.	Vol II , Technical Specifications, Conductor, CL 2.11	Provision of bidding document shall govern.
13	We understand that the Employer shall be responsible for clearing and compensation of the ROW, tree cutting and local problems. Please confirm.	ROW and Local problems	Yes. Employer is responsible for clearing and compensation for the ROW and tree cutting.
14	We understand that the scope of compensation for arranging the required statutory clearances (power line crossing, road crossing etc) shall be in the scope of M/S NEA. Please confirm.	Statutory Clearances	Confirmed.
15	We understand M/s NEA has already received the forest approval of this project. Please confirm.	Forest Clearance	Employer is responsible for this issue.
16	We understand that in case of early completion, the contract is eligible for bonus as per PC CL 26.3. Please confirm.	PC CL 26.3 and Sec III EQC, CL 1.2	Refer Bidding document and related addendum
18	In Part I (\$\$) of Schedule No. 1 Plant and Equipment (including Mandatory Spare Parts) supplied from abroad , please confirm whether the bidder has to quote on total tower basis or only the extension part. For ex. DA +0M Extension – Whether the bidder has to consider the weight of total DA tower including the +0M extension part or only the weight of +0M extension part.	BoQ	Yes. The bidder has to quote only for the extension part. Information like DA +/- 0M Extension is to infrom bidder that this specific extension is for given tower type (like DA or DD)
19	In Part III (\$\$\$\$) of Schedule No. 1 Plant and Equipment (including Mandatory Spare Parts) supplied from abroad , please confirm whether the bidder has to quote on total tower basis or only the extension part. For ex. 4DD-3M Leg Extension – Whether the bidder has to consider the weight of total 4DD tower including -3M leg extension part or only the weight of -3M leg extension part.	BoQ	Yes. The bidder has to quote only for the extension part. Information like DA +/- 0M Extension is to infrom bidder that this specific extension is for given tower type (like DA or DD)
20	Please provide us the Single line diagram of the towers to understand the combination of the towers	Drawings	Refer drawings provided with Bid.

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21	<p>We understand that the beneficiary of the bid security shall be as mentioned below: Hetauda – Bharatpur – Bardaghat 220 KV Transmission Line Project Nepal India Electricity Transmission and Trade Project Transmission Directorate Nepal Electricity Authority Thanabharang, Hetauda, Nepal</p>		Confirmed.
22	<p>Please note that in the bid security format it was mentioned that "This guarantee is subject to the Uniform Rules for Demand Guarantees, ICC Publication No. 458". As ICC publication 458 has become obsolete and banks are issuing the bid security with ICC publication 758 instead of 458. Therefore, we understand that the bid security shall be issued with ICC 758 publication.</p>	Bid Security Guarantee Form	Refer Bidding document and related addendum
23	<p>With reference to Part III (\$\$\$\$) of Schedule No. 1 Plant and Equipment (including Mandatory Spare Parts) supplied from abroad & Multi circuit Tower BOM, please note that the weights of the following towers are not given in the BOM: (a) 4DD+14m extension (b) 4DD+22m extension (c) 4DD -3M leg Extension only (d) 4DD+1.5 M Leg extension (Included with +0 M extension) direct connected to basic tower (e) 4DD+3 M Leg extension (Included with +0 M extension) direct connected to basic tower (f) Tower weights of +3m leg extension is different (LL – 06, Pit A; LL – 03, Pit B; LL – 01, Pit B)</p>	BOQ	Refer Clause I (General Information and scope) VOL II - Technical Specifications and Drawings
24	<p>With reference to the Bill of materials and structural drawings issued by you, we have observed that following are not available: (a) Type DA tower – BOM and structural drawing of basic body is not available. (b) Type DB, DC & DD tower - Structural drawing of basic body is not available. (c) Type DD tower – Structural drawing of Leg extensions are not available. (d) In 4DD tower no structural drawings and BOMs of Leg extensions and Body extensions are available.</p>	BOQ	Sufficient information for bidding is available with complete bid document.



25	<p>With reference to drawing of foundations given by you, we have observed that in the foundation drawing of hard rock tower for all the 4 types of towers, it was mentioned that we can consider the same volumes till +9m extension of hard rock soil. However, the same is not mentioned for the remaining type of soils.</p> <p>Therefore, we understand that the we can consider the same volumes for the remaining soils too. Please confirm.</p>	Drawings	Sufficient information for bidding is available with complete bid document.
26	<p>With reference to drawing of foundations given by you, we have observed that foundation volumes given in the table format of the foundation drawings are not matching with the calculated foundation volumes.</p> <p>We understand that the tower weights given in the Bill of materials of all the towers are black weights. Please confirm.</p>	Drawings	Provision of bidding document remains unchanged.
27	<p>Please note that in ADD type tower, the foundation drawings are not given for sandy soil and Hard rock.</p>	VOL II(Technical Specifications and Drawings)	Refer Clause 1.10.2 for VOL II (Technical Specifications and Drawings)
28	<p>In provided Technical specification of OPGW, clause No-2 (Paragraph-1): Statement mentioned is, The Optical fiber cable, containing 24F Single mode optical fibers shall be embedded loosely inside the protective tube. The protective tube shall be of Aluminum Alloy or Stainless steel be –from This Section Optical unit is allowing with Stainless steel tube.</p> <p>But in clause No :3.3 it was mentioned that “Optical unit requirement is mentioned with multiple buffer tubes”. A fiber unit may consist of up to 6 fibers.</p>	Drawings	Sufficient information for bidding is available with complete bid document.
29	<p>Given technical parameters In clause No-3 of technical specification are very stringent i.e Lower diameter 11.4 mm with high UTS -86.6 KN, the given technical requirements can be met only in stainless steel tube construction as per clause No-2 and not feasible in multiple buffer tube construction. If we need to offer OPGW in Multiple Buffer tube type construction, then there will be deviation in the diameter</p> <p>Please confirm whether the manufacturer can offer OPGW with stainless steel tube construction as per clause No-2 of Technical specification.</p>	VOL II(Technical Specifications and Drawings)	Supply of OPGW is not in the Scope of Works of this Bid

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