



# Nepal Electricity Authority

(An Undertaking of Nepal Government)

Project Management Directorate

Project Management Department

Arunkhola Dumkibas 132/33 kV Substation Project



Ref no. 2078/79- 15

Date: March 09, 2022

To

All Prospective Bidders,

**Reference: Design, Supply, Installation, Testing and Commissioning of 132/33/11 kV Air Insulated Substation at Dumkibas (Binayi Tribeni Rural Municipality, Nawalparasi (Bardaghat Susta-East) District (package-A-4) (OCB No. PMD/EGMPAF/ADSP-078/79-01)**

**Subject: Issuance of clarification-1**

Dear Sirs/Madams,

In reference to the captioned bid published on 6<sup>th</sup> February, 2022, we are hereby attaching the clarification-1 sought by the bidders pursuant to clause 7.1 (ITB) of the bidding document.

It is hereby requested to acknowledge the receipt of the same.

With Best Regards,

  
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(Ranjan Raj Gurung)

Project Manager





Invitation for Bids (IFB): PMD/EGMPAF/ADSP/078/79-01

Design, Supply, Installation, Testing and commissioning of 132/33/11 kV Air Insulated Substation at Dumbur, Bardaghat Triveni Rural Municipality, Nawalparasi( Bardaghat-Susta East) District (Package A-4)

Project: Electricity Grid Modernization Project-Additional Financing

Clarification 1

S.No.	Volume/Section	Clause No.	Clause Description	Clarification Required	Reply from NEA
1	Volume I: Section 2	ITB 37.1	The currency that shall be used for bid evaluation and comparison purposes to convert all bid prices expressed in various currencies into a single currency is: Nepalese Rupees The source of the selling exchange rate shall be: Nepal Rastra Bank (Central Bank of Nepal) The date for the selling exchange rate shall be: The date of Technical Bid opening	We assume we can bid for Supply portion in INR and for local services in NPR . Kindly confirm	Please Refer ITB 19.1
2	Volume I: Section 8	14	General	Request you to kindly clarify tax deeducted at source for Supply , design and service portion. Also kindly clarify if any labour cess shall be applicable and if so on service portion only or not.	Please refer to SCC of the bid document
3	Price schedule		General	Kindly provide soil Investigation Report to understand soil type and strength of soil for better costing of civil works	It is under the scope of current bid
4	Price schedule		General	Kindly clairify if approach road till site is available for heaviest equipment like transformer to be carried out. Also please mention in case if any bridges or roads needs to be strengthened.	Please Refer BPS and Volume II –Employer's Requirements.
5	Price schedule		General	ROW for 33kV line shall be employers scope. Please clarify	No 33 kV line extension outside the construction site
6	Volume I: Section 2	23.1	Bidders shall not have the option of submitting their bids electronically.	As per our understandng the tender is of Hard Copy submission - Kindly Confirm if any hard copy documents needs to be submitted	Confirmed.
7	Price Adjustment		General	Considering the current scenarion where vendors are refusing to quote FIRM prices 3/6/12 months considering the steep rise in commodities . request you to consider PV on all major items - Structure, Isolator, CB, Station Transformer , Cables which are commodity sensitive.	This will be as per bid document
8	Volume I: Section 8	14	General	We understand Custom duties and VAT are to the employers account. Also important license shall be acquired by the employer. Kindly Confirm	Please refer to SCC, Volume I of the bid document
9	Price schedule		General	Kindly Provide approved vendor list if any	Please Refer Project Specific Requirement, Annexure III, Volume II
10	Volume I: Section 8 - SCC	7.3	Scope of Facilities: The Contractor agrees to supply spare parts for a period of years: 5 Years	Kindly reduce supply of spare parts period to 1 year as majority of bidders are EPC and the products are bought out. Also the tender is for AIS substation which is conventional substation.	This will be as per bid document

*Signature*

*Stamp*



11	Volume I: Section 9: Contract Forms	1.3.2	Additional Condition Applicable to the Price Adjustment of supplied Power Transformers: • Price adjustment will be applied only if the resulting increment or decrement is more than 10% of the base material Price of the Copper and Steel for Power Transformer. And the price will be adjusted by deducting 10% of increased or decreased amount from the base material price.	As prices of commodities are moving only higher, request you to remove +/- 10% adjustment as we may have to build 10% in the cost which is a loss for bidder and employee.	This will be as per bid document
12	Volume I		Contractors Responsibilities	For the water and electricity for construction works, we request you to kindly confirm whether Water and Power for construction can be made available. Further we request you to kindly share the existing rates/tariffs for the same.	Please refer clause no 12, PSR of the bid
13	Volume I		Changes Originating from the Employer	From the said clause we understand that if there is change of more than +/- 15% in the quantities of any item with respect to tender quantity then unit rates for those items shall be mutually decided between contractor and employer. Kindly confirm	This will be as per bid document
14			General	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.	Confirmed.
15			General	If the lockdown is imposed due to any epidemic/pandemic situation in employer's country or contractor's country, in such cases whether contractor is eligible to get (i) a time extension to complete the works and (ii) reimbursement to cost implication incurring due to that?	Please refer to the clause 40, GCC, Volume I
16			General	Kindly provide the Soil Electrical Resistivity Parameters / Plot Size and ERT Data for the proposed Stations	This is part under the bidder's scope
17			General	Kindly confirm the incoming line availability for commissioning of new substations. Also, If commissioning of substations is delayed due to factors which are not attributable to contractor, Kindly confirm whether Taking over (TOC) and DLP can start within next 3 months of completion of facilities.	This will be as per bid document
18			General	Please provide the following details for the proposed substation, 1. Contour survey with spot level and boundary co-ordinates 2. Proposed Finished Ground levels 3. High Flood Level 4. Soil Investigation report in order to estimate the quantum of work	Soil Investigation is under the scope current bid
19			General	We presume the Min. Creepage is 25mm/kV of Substation. Please confirm	Confirmed.
20			General	Spec says for 25kA 33kV VCB where as in TDS it is mention 31.5kA. Kindly confirm for 33kV Fault current shall be 25kA or 31.5kA	It is typographical error, Please read as 25 kA.

*Signature*



21	Volume II(B): Chapter 21			33kV GIS circuit Breaker	Please refer Amendment-I.
22			General	<p>Kindly Provide Technical Data sheet of the major items</p> <ul style="list-style-type: none"> <li>132 &amp; 33kV Switchgear</li> <li>Battery &amp; Charger</li> <li>Fiber optic based communication equipment</li> <li>132 &amp; 33 kV Instrument transformer (CT , CVT &amp; PT/VT)</li> <li>132 &amp; 33 kV Isolators</li> <li>Station Transformer</li> <li>For AC/DC DB under LV Switchgear</li> <li>Control Cable</li> </ul>	Please submit TDS as mentioned in GTP.
23			General	<p>Kindly provide General Technical Requirement of the following</p> <ul style="list-style-type: none"> <li>Visual Monitoring system, kindly include BOM &amp; Drawings.</li> <li>Generator</li> </ul>	Please refer Amendment-I.
24	Volume I: Section 3	2.6		Kindly accept type test certificate within last 10 years for major items of plant and services, including Dynamic Short Circuit (DSC) test.	Please refer Amendment-I.
25	Volume I: Section 3	2.6		AIS Steel/Gantry- Kindly accept test report carried out by reputed independent laboratory, For steel structure test report in Short Circuit Testing Liaison (STL) Accredited laboratory is not practical.	Please refer Amendment-I.
26			General	<p>TDS of AAAC Conductor is ACSR</p> <p>AAAC All aluminum alloy conductor is mentioned 120 sqmm in Price Schedule whereas, 100sqm in spec &amp; TDS</p>	Please refer Amendment-I.
27				BOQ has only one hybrid FOTE system. Please arrange remote end existing equipment details and link distance between these substations.	Among Optical Interface Cards, L4.2 SFP is for integration with ECI SDH equipment at substation in the vicinity of 40 km and 10 G SFP is for integration with SDH equipment at LDC.
28	Volume I: Section 3	2.3.2		Kindly accept annual turnover of US \$ 7.64 Million best of 3 years within last 10 years.	This will be as per bid document
29	Volume I: Section 3	2.6		For Power transformer - Kindly accept type test report of similar ratings	This will be as per bid document
30	Volume II (B): Chapter 17		General	<p>Gateway for remote supervisory control (to RLDC), the gateway should be able to communicate with LDC on IEC 60870-5-101 protocol. Protocol converter should be used wherever required to match to existing communication system installed at MCC to be located at Baneshwor Substation.</p> <p>Confirm Baneshwor Substation or at LDC Suichatar.</p> <p>If Baneshwor Substation kindly provide details of equipment installed.</p>	Matching to existing communication system installed at MCC is not under the scope of this bid.

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