



Minutes of Pre-Bid Meeting for Package KC-2
“Procurement of Plant Design, Supply, Installation, Testing and Commissioning of
Koshi Corridor 220 KV Substations (Tumlingtar, Baneshwar, Basantapur & Inaruwa)
[IFB No: KOSHI/NEA/72/73 -1]

- Date : 20th July 2016
- Time : 12:00 hrs (Nepal Standard Time)
- Venue : Koshi Corridor 220kV Transmission Line Project, Nepal Electricity Authority, Kharipati, NEA Training Center, Bhaktapur, Nepal.

1.0. BACKGROUND

Nepal Electricity Authority (NEA) has invited bids for Contract Package KC-2, “*Procurement of Plant, Design, Supply, and Installation, Testing and Commissioning of Koshi Corridor 220 KV Substations (Tumlingtar, Baneshwar, Basantapur and 2 nos. of extension bays at Inaruwa)*” vide its NIT dated 4th July, 2016. As per clause ITB 7.4 of the bidding document, NEA organized a Pre-Bid Meeting on 20th July, 2016 at aforesaid venue to provide prospective bidders an overview of the project’s technical and contractual requirements; a common understanding of Bidding documents, explain scope of work and to organize a visit to project sites for interested bidders and to provide them an opportunity to seek clarifications, if any, on the bidding documents, scope of work, approachability of sites etc.

1.1. PARTICIPANTS

The following officers from NEA, WAPCOS and prospective bidders attended and participated in the Pre-Bid Meeting:

1.1.1 NEPAL ELECTRICITY AUTHORITY (NEA)

1. Mr. Rajan Dhakal, Project Manager, Koshi Corridor 220kV Transmission Line Project (In Chair)
2. Mr. Janardan Prasad Gautam, Project Manager, Solu Corridor 132kV Transmission Line Project
3. Mr. Raghendra Kumar Jha, Engineer
4. Mr. Saroj Dhungana, Engineer
5. Mr. Bhupesh Shrestha, Engineer
6. Mr. Hari Prasad Acharya, Asst. Account Officer
7. Mr. Achyut Prasad Lamichhane, Senior Assistant (Admin)

1.1.2 WAPCOS LIMITED

1. Mr. M. Manoj Kumar, Project Coordinator and Protection Expert
2. Mr. S. R. Sabapathy, Substation Expert (Electrical)
3. Mr. A. K. Jain, Substation Expert (Civil)
4. Mr. Rohit Arora, Project Site Coordinator



1.1.3 PROSPECTIVE BIDDERS

1. Mr. C. S. Sharama, Director-Finance, M/s Kailash Devbuild (India) Pvt. Ltd.
2. Reshmi Dey, Senior Engineer (Electrical)-Tendering, M/s Sterling & Wilson Pvt. Ltd.
3. Mr. J. Srinivas Kumar, Assistant Manager, M/s Megha Engineering & Infrastructures Ltd., Hyderabad
4. Mr. Debraj Roy, Manager-Tendering, M/s Alstom T&D Ltd.
5. Mr. P.V. Dinakaran, Senior Engineer, Larsen & Turbo Limited
6. Mr. Vikas Singla, Manager-M&BD, M/s KEC International Ltd.
7. Mr. Vipul Gupta, Senior Manager, M/s Green Power Int. Pvt. Ltd.
8. Mr. Mallikarjuna Rao, Asst. Vice President, M/s ABB India Ltd.
9. Mr. Mauje Pandit, Electrical Engineer, M/s Tesla Transformer Ltd.
10. Mr. Vishnu Narayan, Manager, M/s Mohan Energy Cooperation Pvt. Ltd., New Delhi
11. Mr. Debasish, Vice President, M/s A2Z Infra Engineering Ltd.

Mr. Rajan Dhakal, Project Manager, NEA welcomed all the participants to the Pre-Bid Meeting for the bid Package KC-2 "Procurement of Plant, Design, Supply, and Installation, Testing and Commissioning of Koshi Corridor 220 KV Substations (Tumlingtar, Baneshwar, Basantapur and 2 nos. of extension bays at Inaruwa)". He introduced the NEA Project team as well as Project Management Consultant (PMC)'s team present in the pre-bid meeting and thereafter all bidders present in the meeting introduced themselves.

All participants were requested to sign the attendance log and provide their contact details and e-mail addresses.

2.0 PRESENTATION BY NEA

2.1 A power point presentation was made by NEA/WAPCOS to prospective bidders for bringing out the important dates of bidding process, scope of work, approachability of site, site conditions and other important aspects of the bidding documents and the bidding process. The presentation covered the following aspects:

- i. General information of the Koshi Corridor 220 kV Transmission Line Project and its Network Diagram and components, Scope of work of Package KC2, tentative layouts of Substations, switching schemes adopted for 220 kV, 132 kV and 33 kV substations etc
- ii. Project Organization Structure of NEA, general information of the tender, Bidding Schedule, Project Sites connectivity, important towns in Project area and facilities available etc.
- iii. Important issues to be noted by prospective bidders while preparing and submitting the bid and the planned visit to project sites for the prospective and interested bidders.
- iv. Important Electrical & Civil Issues brought out during presentation:
 - Contour maps and terrace levels given in the bid documents are tentative and for tender purpose only. Successful bidder would be required to carry out topographical survey and prepare contour maps of each substation site and decide the numbers and levels of terraces required at each substation site by optimizing the requirement of earthwork for site levelling and grading.
 - Geotechnical/Soil Investigation at each substation site including the measurement of soil resistivity is in the scope of successful bidder.

- Basantpur experiences snowfall during winter. Accordingly, snow load shall be considered in the design of all structures at Basantpur substation.
- Control Room and D.G. Set Room Buildings at all substation sites shall have R.C.C. roof.
- Approach Roads to substation sites from highway are in the scope of successful bidder except in Tumlingtar and Inaruwa where approach road is being constructed by NEA through separate contracts.
- Successful bidder will be required to make his own arrangement for construction power and water required for construction & drinking during construction stage.
- Elevation factor to be considered for selection of equipment for various substations as per the technical specifications.

A copy of presentation made by NEA in the pre-bid meeting is enclosed for the reference of bidders.

3.0 CLARIFICATIONS SOUGHT BY BIDDERS AND CLARIFICATIONS FURNISHED BY NEA

In the pre-bid meeting, the bidders sought clarifications on wide range of issues covering scope of work, civil works required for the project, connectivity of project sites, taxes & duties, submission of bid and recommended Site visit before submission of bid etc. The important clarifications sought by bidders during the pre-bid meeting on 20th July 2016 and clarification provided by NEA/PMC are given as under:-

Sl.No.	Bidder's Query	Clarification by NEA
4.0.	Likely date of award of work of Dhungesangu Substation (Taplejung District)	NEA clarified that said substation will be covered in Contract Package KC-3, NIT for which is expected to be floated by March/April, 2017.
4.1.	Distance of substation sites from the highway	It was clarified that the sites of Baneshwar and Basantapur substations are adjacent to the highway at a very short distance. Sites of Tumlingtar and Inaruwa substations are also located on highway but at some distance away from highway. The bidders are advised to visit substation sites and make their own assessment of location of substation sites and their distance from highway.
4.2.	Whether constructing of Boundary wall and Staff quarter is within the scope of bidders?	NEA clarified that these works are not in the scope contract Package KC2 and these are being executed by NEA through separate contracts at Tumlingtar and Baneshwar Substations. These works at Basantpur substation would also be carried out by NEA.
4.3.	Last date for Bidders to seek clarifications on bidding documents.	NEA clarified that as per bidding documents, the last date for bidders to seek Clarifications on bidding documents is 20 th July 2016. However, it is being extended to 27 th July 2016.
4.4.	Schedule of official visit to project sites	NEA informed bidders that a visit to all the project sites is being planned on 22 nd July, 2016 in which officials of NEA will accompany the bidders. Interested bidders can join the same and should register their names with NEA after the pre-bid meeting.
4.5.	Other Issues	NEA advised bidders to ensure the compliance of following issues at the time of submission of their bids:

Sl.No.	Bidder's Query	Clarification by NEA
		<ul style="list-style-type: none"> For the sake of easy tracing during Bid Evaluation, the bidders shall submit the technical data sheets in a separate volume. As Guaranteed Transformer loss will be capitalized and would be noted during the bid opening, the bidders shall attach a copy of guaranteed transformer losses (Appendix-8, Part-III of Bid documents duly filled) with the price schedules also. The bidders shall provide a soft copy of filled up Price schedules (in MS-Excel format) at the time of bid submission for facilitating the bid evaluation. However, the Hard copy of bid shall govern in case of any conflict. The bidders were requested to provide a soft copy (in PDF format) of complete bid, as submitted, along with the hard copy at the time of bid submission. However, the Hard copy of bid shall govern in case of any conflict.

The bidders were requested to submit the queries which they raised during the meeting, in the written form so that they can be answered effectively and without discrepancy.

4.0 VISIT TO PROJECT SITES

It was informed that NEA will organize official site visit to perspective bidders on 22nd – 23rd July 2016. NEA requested all the perspective bidders present in the meeting to register their names for the site visit. It was also understood that some of the bidders have already made site visit well before the meeting. It was strongly requested that the bidders shall have a site visit before submitting their bid proposal.

5.0 CONCLUSIONS

- 5.1 It was not mandatory for prospective bidders to attend and participate in the pre-bid meeting. The prospective bidders that did not attend the pre-bid meeting are free to submit their bids. Minutes of the Pre-bid meeting will be made available to all the prospective bidders who have purchased or will purchase the bid documents.
- 5.2. It was stressed that the last date of submission of bids is 17th August, 2016 by 12:00 Hrs (Nepal Standard Time) as specified in the bidding documents. The bids would be opened on the same day at 12:30 Hrs (Nepal Standard Time) in the office of Project Manager, Koshi Corridor 220kV Transmission Line Project, Nepal Electricity Authority, NEA Training Centre Building, Kharipati, Bhaktapur, Nepal.
- 5.3. In case of further information/clarification on bidding documents, if any, the bidders who have purchased the bidding documents may send their queries in writing to the Project Manager, NEA within prescribed time limit. The clarification to all queries shall be provided by NEA in writing.
- 5.4. The meeting ended with a vote of thanks to the representative of the Industry.

Project Manager

