

Record Note of Pre-bid meeting held on 30.03.2017 at NEEPCO, Shillong against NIB no. 226 dtd 29.02.2017 for supply and delivery of Francis Turbine Shafts for Khandong & Stage-II Power Station, KHEP.

The list of participants is attached as Annexure-I.

At the outset, the DGM (E/M), C&P welcomed all the participants and briefed about the purpose of the meeting.

During the meeting, the queries raised by the prospective bidders on technical specifications and commercial points were clarified. The details of queries from prospective bidders and reply to the queries is attached as Annexure-II.

NEEPCO informed that the pre-bid record note of discussion and the clarification to queries based on the deliberation during the meeting shall be uploaded in the tender portal and NEEPCO website on or before 04.04.2017 and requested all prospective bidders to visit the websites regularly for any amendments/modification in the tender.

The meeting ended with vote of thanks.



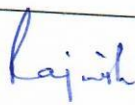



Bairi
30/3/17


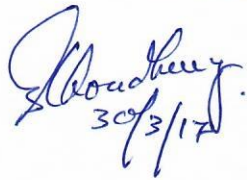



J. B. Singh
30/3/2017

Pre-Bid meeting held on 30.03.2017 against NIB no. 226 dtd.29.02.2017 for procurement of Francis Turbine Shafts for KHEP

List of Participants

Prospective Bidders

SN	Name with designation	Address with e-mail id & contact no	Signature
	Rishi Jaichand ANDRITZ	D-17, MPALUN INDL ARER BHOPTL 9926900313	
	Sauker Shrivastav Andritz	'	
	Rajnish Neth Voith	A-20 & 21 Sec 59, Noida	
	Viral Suthan Voith	A-20 & 21 Sec -59 Noida	
	Vishnu Pad Saha GE Power India LTD.	Manojee Vedodara Gujarat	
	Prabin Kr. Borch AHPL	Dipang Rany Chairman, Gumhati-3, peckbee @gmail.com	

SN	Name with designation	Signature
1	N. Bhuyan, DGM (E/M) CEP	
2	Mrs. B. Choudhury, DGM (E/M) O&M.	 30/3/17
3	A K Das Dy GM (Fin)	 30/3/17
4	S. S. Bhattacharyya, Sr. Mgr. (E)	 30.3.17
5	Joypal Roy, Br. Manager (E).	 30/3/17

A. QUERIES ON TECHNICAL SPECIFICATION					
ANNEXURE-II					
QUERIES FROM M/s VOITH HYDRO					
1	Section-IV Technical Specifications (Page IV-4)	Pre Bid Reply point no. 5 in C. Technical Specification	1.3 Turbine Shaft A polished corrosion resistance removable and renewable sleeve shall be fitted to the shaft where it passes through shaft gland. The sleeve shall be made in two halves, removable and replaceable and securely fastened to the shaft. The sleeve shall be made of stainless steel. Effective means shall be adopted for the prevention of corrosion of the shaft underneath the sleeve.	As requested shaft is completely of stainless steel, there should not be a need of separate sleeve. We can make step in the shaft according to the current dimensions of the sleeve as per Turbine Shaft assembly drawing 12050100000 & turbine shaft drawings 02050100001 We understand the dimensional and other details mentioned in shaft drawings (Turbine Shaft assembly drawing no. 12050100000 & turbine shaft drawing no. 02050100001) which we had received for Khandong from site is also applicable for Kopili Stage II. Kindly confirm	Agreed. However, the design shall be compatible with the existing system. The Shafts of Khandong P.S. is not exactly identical to shaft of kopili stage-II and there are separate drawings for shafts of both power station.
2	Section-IV Technical Specifications (Page IV-4)	Pre Bid Reply point no. 6 in C. Technical Specification	Suitable oil baffles and water deflectors shall be provided between the main guide bearing and the shaft seal.	Request to provide the following details during pre bid meeting. -Existing arrangement drawing of oil baffles and water deflector -Shaft Seal and Turbine Guide bearing cross section drawing - Detail drawing of oil baffles and water deflectors and its dependent components. - Complete Turbine & Generator Cross Section Drawing -Turbine Cross Section Drawing -Existing material of Turbine Shaft and its mechanical properties -Existing material of Coupling bolts & nuts and their mechanical properties	Following line from (Section-IV: Technical specification , clause-1.3), is deleted "Suitable oil baffles and water deflectors shall be provided between the main guide bearing and the shaft seal". Prospective bidders may contact at e-mail id : contract_neepco@yahoo.co m to receive the available drawing .
3	Section-IV Technical Specifications (Page IV-4)	Pre Bid Reply point no. 9 in C. Technical Specification Drawing No. 12050100000	2.2 Interchangeability	We need clarity on the extent of the interchangeability. Please refer TECHNICAL REQUIREMENT in Point 2 & 3 of the drawing no. 12050100000 (refer attached extract). The above mentioned requirement in the existing design indicates that final machining of couplings holes needs to be done in assembled condition at site. This explains that new Shafts cannot be interchanged between turbine runners and generator shafts of different units. Further, the coupling holes with generator shaft shall have to be made bigger than existing and accordingly slightly bigger fitted bolts need to be supplied.	Interchangeability, is required as per bid conditions. The bidder has to design the shaft accordingly. For interchangeability if any additional arrangements are required, the same shall be in bidders scope.

QUERIES FROM M/s ANDRITZA HYDRO				
1	Section – IV, Technical Specifications (Page IV-4), Cl-1.3, Turbine Shaft, Shaft coupling and Alignment		The contractor shall ensure proper coupling and alignment of turbine shaft with existing generator shaft and with existing runner.	Please delete this paragraph as contractor's scope is limited to the supervision of erection and commissioning activity and alignment of turbine shaft with existing generator shaft and existing runner shall be owner's responsibility. Agreed . The following last para of Section-IV: Technical specification, page: IV-4, clause 1.3, is deleted. "The contractor shall ensure proper coupling and alignment of turbine shaft with existing generator shaft and with existing runner".
2	Section – IV, Technical Specifications (Page IV-5), Cl-3, Manufacture & Material of components		The Contractor shall furnish details of the manufacturing process and the materials of construction of the various components as offered by them in tabulation form. The manufacturing process and materials of the construction selected shall be the most appropriate and optimum in respect of the turbine shafts and the conditions of their operation. The water in the project is highly acidic in nature. As such, the material of the turbine shaft/component should be acid resistant and shall be of stainless steel of required grade. The Turbine Shafts shall be made of SS 304/SS 13/4(Cr/Ni)/ equivalent / higher grade and to be decided during Design & Engineering Stage. The bidder has to demonstrate the effectiveness of their proposed material of construction and also submit documentary evidence of the same.	We propose that the Shaft shall be made of material 13-4 Forged stainless Steel (X3CrNiMo13-4 1.4313 EN 10250-4 or equivalent ASTM grade). Please confirm the acceptance. The sentence "The Turbine Shafts shall be made of SS 304/SS 13/4(Cr/Ni)/ equivalent / higher grade and to be decided during Design & Engineering Stage " appearing in the clause stands modified as "The Turbine Shafts shall be made of The material of the shaft shall be SS 13/4 (Cr/Ni) (ASTM A473/ASTM A182F6NM/Equivalent DIN Standard)"
B QUERIES ON COMMERCIAL POINTS				
QUERIES FROM M/s VOITH HYDRO				
1	Detailed NIB	1.2 (b)	Complete Audited Annual Reports along with Audited Balance Sheets, Profit and Loss Account & detailed Schedule and other financial statements for the preceding 5(five) financial years, ending 31st March of the previous Financial Year, along with Letter of adequacy	In case the Bidder is qualifying on the credentials of the Parent/ Holding Company the Financials/Annual report shall be submitted based on the annual closing of the Country in which Parent is located. Agreed as per cl. 2.0 of DNIB

2	Section II , ITB	4.2	10 months from the date of issue of Letter of Award	The delivery schedule is noted. However we would also request you to provide the planned scheduled date for the start of supervision of erection and also the scheduled Commissioning date.	Erection schedule will be intimated after receipt of the equipment at site.
3	Section II , ITB	14.5	iv) Parent company Agreement Format(Form F) if applicable v) Deed of undertaking (Form G) if applicable.	In case the Bidder qualifies on the credentials of the Parent/ Holding Company a Parent Company Agreement as per Form F shall be submitted. The Parent Company Agreement will also be signed by the subsidiary company, therefore no separate deed of undertaking (Form G) is required. The same procedure has been followed in the earlier tender for procurement of MIVs for Kopili & Kopili II HEP. Also we request you to retain the format of Form F Refer Para 3 of the Agreement second last line, kindly delete "as may be deemed appropriate by NEEPCO".	Agreed. The modified format of Parent Company Agreement is attached as Annexure-I
4	Section II , ITB	14.5	Parent Company Agreement	Refer SI no. 1 of the Agreement last line kindly reinstate "to the satisfaction of NEEPCO" with "as per the Contract" . The changes in track change mode have been attached as Annex A	The format of Parent Company Agreement shall be as per attached Annexure-I
5	Section II , ITB	28.1	After issue of the Letter of Intent and on receipt of its unconditional acceptance and acceptance of CPG, the Purchaser shall issue Detailed Order to the Contractor.	As discussed in the earlier tender also the requirement of detailed order may be removed, as after placement of LOA the Contract will be formulated.	Agreed. After issue of LOI and its acceptance by the successful bidder, the Contract Agreement will be signed on pre-notified date on acceptance of CPG .
6	Section III A	31.1	Guarantee / Warranty	We agree to the warranty period. However from the clause for the repair and replacement during the warranty period the warranty obligations do not have a sunset period. The warranty obligations even for repair/ replacement should be limited to maximum of 48 months from the scheduled commissioning date. The provision is also evident in all the tenders of PSUs like NHPC and state government organizations such as OHPC. The extract from the tender has been attached as Annex 1.	Bid stipulation shall prevail

7	Section III A	31.5	The provision of latent defects shall be applicable up to the end of 6 (six) years from the date of successful commissioning of the equipment/plant.	The latent defect period shall start from the end of the warranty period. Also request you to reduce the latent defect period. The latent defect period in other tenders of PSUs NHPC is evident in Annex 1.	The provision of latent defects shall be applicable up to the end of 6 (six) years from the date of receipt of the material at site. The latent defects shall be the defects inherently lying within the material or arising out of design deficiency, which do not manifest themselves during the warranty period.
8	Form of Bank Guarantee		The liability or obligation of the Bank under this guarantee bond shall not be affected or suspended by any dispute between the Corporation and the Contractor and the payment under this guarantee bond need not wait till the disputes are decided by a Competent Court or Tribunal or any other authority and that any payment made by the bank to the Corporation under the guarantee bond shall be deemed to have been rightfully and lawfully made. Lastly the Bank also assures that the guarantee bond will not be discharged due to the change in the constitution of the bank or the contractor.	The below mentioned clarifications have been informed by the bank as the EMD is in the form of a Guarantee from the bank. Also it is evident as in the heading the reference is mentioned as Guarantee Number. "The liability or obligation of the Bank under this guarantee bond shall not be affected or suspended by any dispute between the Corporation and the Contractor and the payment under this guarantee bond need not wait till the disputes are decided by a Competent Court or Tribunal or any other authority and that any payment made by the bank to the Corporation under the guarantee bond shall be deemed to have been rightfully and lawfully made. Lastly the Bank also assures that the guarantee bond will not be discharged due to the change in the constitution of the bank or the contractor."	The word "bond" appearing after "this guarantee" shall be deleted.
Queries from Andritz Hydro					
1	Section-III A: GTC (Page IIIA),	Cl-9.1, Time	Entire Scope of Supply and delivery at site under this contract shall be completed within 10(Ten) months from the date of issue of Letter of intent.	Please amend "Entire Scope of Supply and delivery at site shall be completed within 12 (twelve) months from the Zero date and zero date would be reckoned from the date of drawing approval.	Will be intimated shortly
2	Section-III A: GTC (Page IIIA),	Cl-16.3, Termination	In the event of such termination, the Contractor shall be paid compensation, equitable and reasonable dictated by the circumstances prevalent at the time of termination, as decided by the Purchaser.	In the event of such termination, the Contractor shall be paid compensation, equitable and reasonable dictated by the circumstances prevalent at the time of termination, as decided mutually by purchaser and contractor.	The words "as decided by the Purchaser" shall be replaced by "as decided mutually by purchaser and the contractor".

3	Section-III A:GTC (Page IIIA), CI-16, Termination		Please include the Termination of the contract on Contractor's Initiative.	<p>Please add below point after Clause 16.4</p> <p>If (a) the NEEPCO has failed to pay the Contractor any sum due under the Contract within the specified period, if the NEEPCO has failed to approve any invoice or supporting documents without just cause, or commits a substantial breach of the Contract, or (b) the Contractor is unable to carry out any of its obligations under the Contract for any reason attributable to the NEEPCO, including but not limited to the PSPCI's failure to provide possession of or access to the site or other areas as may be required by the Contractor, or failure to obtain any governmental permit necessary for the execution and/or completion of the works, or (C) the NEEPCO becomes bankrupt or insolvent, has receiving order issued against it etc. then the Contractor may give a notice to the NEEPCO and if NEEPCO has failed to pay the outstanding sum or to remedy any breach as mentioned in the Contractor's notice within 60 days of such notice, the Contractor may by further notice forthwith terminate/suspend the Contract. If the Contract is terminated / suspended, the Contractor shall be entitled to payment of all amounts payable, all costs incurred including any amounts the Contractor is liable to pay to his sub-contractors and reasonable compensation for all loss or damage sustained by the Contractor arising out of, in connection with or in consequence of such termination.</p>	Bid stipulation shall prevail. No addition is agreed.
4	Section-III A:GTC (Page IIIA), CI-31.1, Warranty		If, during the period of warranty, any portion of the goods supplied is found defective and is found defective and is rectified/ replaced, the provision of this clause shall apply to the portion of the equipment so replaced/rectified until expiry of 24 months from the date of such replacement/rectification.	<p>If during the period of warranty, any portion of the goods supplied is found defective and is rectified/replaced than all warranties /defect liabilities of any rectified / replaced component shall end in 36 months from the date of its original dispatch of each unit or 24 months from the date of commissioning whichever comes first. This is very standard and acceptable clause for power sector.</p>	Bid stipulation shall prevail

5	Section-III A-GTC (Page IIIA),	Cl-49, Storage	<p>If the Purchaser desires that the plant/equipment or any portion thereof should not be despatched by the Contractor, when it is due for despatch, the Contractor shall store the plant / equipment or a portion thereof in his works as mere custodian in trust on behalf of the Purchaser at no extra cost and shall be responsible for all risks not limited to losses and damages. However, in such cases, payment, which is due against dispatch, shall be released by the Purchaser. In case the equipment are not required by the Purchaser for a period of more than 6(six) months and the same are being stored at Contractor's works, then the purchaser shall intimate the Contractor for dispatch of the same. In the event storage of the same is necessary at some intermediate place designated by the Purchaser, it will be intimated at the time of dispatch clearance. In such a situation, the payment which is due against receipt shall be released by the Purchaser. Further, the additional expenses to be incurred due to intermediate storage shall be reimbursed to Contractor subject to acceptance of reasonability of rates against these expenses by Engineer -In - Charge.</p>	<p>We request to Please delete this clause from the tender requirement.</p>	<p>The Cl. No. 49, Section-III A, GTC (Storage) stands deleted</p>
6	Corrigendum 01 dtd. 14.03.2017		<p>date & Time of receipt of online bids 14 hrs on 03.04.2017</p>	<p>we need at least 30 days to prepare & submit most competitive bid after receipt of pre bid replies. Therefore, we request to extend the bid submission date accordingly</p>	<p>Request for extension shall be considered.</p>

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