

West Bengal State Electricity Transmission Company Limited

পশ্চিমবঙ্গ রাজ্য বিদ্যুৎ সংবহন কোম্পানী লিমিটেড



(A Govt. of West Bengal Enterprise)

OFFICE OF THE CHIEF ENGINEER: TRANSMISSION (O&M)

BIDYUT BHAVAN: 10TH FLOOR: 'D' BLOCK

SALT LAKE CITY: KOLKATA - 700 091.

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Vidyut Bhawan (10th Floor)

DJ – Block, Sector – II

Salt Lake City, Kolkata – 700 091.

Memo no: CETR(O&M)/160MVA TR/Repairing/Domjur/2015-16/18/ (229-234) dt 19.02.2016

To ,

m/s Alstom T&D India, DLF Park, Plot no 8, Major Aerial Road,Block- AF , Tower – C 8 th Floor,New Town, Kolkata- 700 156	m/s Aditya Bidyut Appliance Limited 51, Ellora Apartment, 2, Gariahat Roiad South, Kolkata- 700 068	m/s EMCO Limited 2/203, Om Tower, 2 nd Floor, 32, Chowringhee Road, Kolkata- 700 071
m/s Viswas Power Engineering Services (P) Ltd, K-56, MIDC, Butibari, Nagpur-441 108	m/s IMP Powers Ltd 35/C, Popilar Press Building, 2 nd Floor,PT, M.M.Malviya Road, Tardeo, Mumbai- 400 084	m/s Marsons Ltd Bidge Budge Trunk Road, Maheshtala, Kolkata- 700 142

Sub: Pre-bid clarifications as per meeting held on 12.02.2016

- Re:** i) NIT No. CETR(O&M)/160MVA TR/Repairing/Domjur/2015-16/18 dated 20.01.2016
ii) Letter vide :- VEPS /C/15-16/365 dated 06.02.2016 of m/s Viswas Power Engineering Services (P) Ltd
iii) Letter vide :- AVAL/WBSETCL/RTQ-119/2015-2016/2904 dated 11.02.2016 of m/s Aditya Bidyut Appliance Limited
iv) Letter vide :- SV/SSP/15-16/WBSETCL/001 dated 09.02.2016 of m/s EMCO

Name of Vendor	Query in brief	Reply to query
Viswas Power Engineering Services (P) Ltd Aditya Bidyut Appliance Limited	Submission of EMD (Earnest Money Deposit)	Earnest Money Deposit will be accepted in the form of any of the following at the Office of the Chief Engineer Tr(O&M), 10 th Floor, D-Block, Bidyut Bhawan <ul style="list-style-type: none">• Banker's Cheque• Demand Draft• Bank Guarantee As per stipulations under clause No.5.0 of NIT at Page 4
Viswas Power Engineering Services (P) Ltd EMCO	Request to modify Technical QR with work experience of 5 years instead of 3 years	Clause 6.1.1 of Technical QR is modified as follows:- Bidders shall be original transformer manufacturers / repairers having all infrastructural capacity and must have successfully repaired or supplied at least 01(one) no. of such 220/132KV or 220/33 KV Transformer in any India Power Utility within the last 05(years) years. And the same Transformer must be in successful operation for at least 01 (one) year in any India Power Utility as on date of NIT (Documentary evidence to be provided)



CONTINUATION SHEET

Name of Vendor	Query in brief	Reply to query
Alstom T&D India EMCO Aditya Bidyut Appliance Limited	Clarification of the Payment Clause Almost all prospective bidders suggested modification of payment clause as stipulated in SSC Item No.4 at page 44 of 81 under Section IV to avoid intricacy	a) Bills are to be placed to the Controlling Officer along with JMC in triplicate b) Bill shall be processed by the local (F&A) of the associated Area Office c) The Bills so submitted will be forwarded to Corporate(F&A) for payment through RTGS The Progressive payments shall be made as follows:- i] 90% payment along with 100 % taxes and duties against submission of original invoice and original receipted challan signed by the relevant consignee officer attached to the respective store and MICC -cm -DI will be made within 45 days of submission of bills to the bill passing authority ii] Balance 10% payment along with price variation if any will also be made to the Bill Passing authority along with Stores Receipt Voucher (SRV) after delivery
EMCO Alstom T&D India	Clarification of the Payment Clause as per SCC i.r.o BG 1, BG 2	Initial Security Deposit (EMD):- Rs 2.31 lakh BG_1 :- Rs 300 lakh by the successful bidder for performance guarantee for two Transformers BG_2 : Rs 75 lakh by the successful bidder as CPG against defect liability for two Transformers for the defect liability period of sixty months from the date of delivery of repaired Transformer BG_1 to be released after delivery of repaired transformer on submission of BG_2 Refund of Security deposit shall be guided by GCC 11.1.2
All bidders	Whether bid should be inclusive of Fiber Optic sensor?	Fiber Optic Sensor with software & standard accessories is not to be considered as the defective transformer did not have the fibre optic sensors



CONTINUATION SHEET

Name of Vendor	Query in brief	Reply to query
All bidders	Whether all Bushing CTS shall be considered for replacement?	To be considered by the bidders if required Bidder should access the requirement of Bushing CT's. Bidder may include the item in Sl no 21 of BOQ as per their assessment
All bidders	Whether RTCC Panel to be considered for Transportation to works?	RTCC Panel needs not to be transported.
Alstom T&D India	Whether cost of new Air cell for Main Conservator tank to be included in offer?	New Air Cell should be included if required Bidder should access the requirement of Air Cell for Conservator. Bidder may include the item in Sl no 21 of BOQ as per their assessment
All bidders	Whether cost of Inspection (i.e Air/Rail/Road fare as well as Accommodation etc) should be on bidder's account?	Inspection charges for deputed inspectors shall be borne by WBSETCL. Bidder to make arrangement for accommodation and local transport of the inspecting team (cost of which shall be borne by WBSETCL)
All bidders	Transformer Oil is not specified & the same should be confirmed.	As specified in IS: 335-1993 with latest amendment, if any should be complied
All bidders	All most all prospective bidders requested for some design data (like ID, OD, Height & number of turns) of original manufacturer.	WBSETCL will provide GA drawings. Bidders are at their liberty to implement the design of the existing Transformer or modify the design accordingly to arrive at the desired Loss Figure
Aditya Bidyut Appliance Limited	Scope of factory/acceptance tests after repair.	As applicable for repaired Transformer as per IS:2026 (1-5) with latest amendment to be seen with IEC 60076-3:2011
Aditya Bidyut Appliance Limited	Whether Price Variation clause is applicable?	As specified in NIT Clause No. GCC.6.1 at page 27 of 81



CONTINUATION SHEET

Name of Vendor	Query in brief	Reply to query
Alstom T&D India	Scope of draining of transformer oil	Bidder to return the transformer oil in the Transformer prior to transport WBSETCL will provide necessary drums for storing of oil in WBSETCL store
Alstom T&D India Aditya Bidyut Appliance Limited	Supply of accessories	Bidder should access the requirement of Accessories Bidder may include the item in Sl no 21 of BOQ as per their assessment
Alstom T&D India	Replacement of windings	All the three windings are considered for replacement irrespective of healthiness
Alstom T&D India	Defect liability	Defect liability of the bidder is limited to the materials supplied by the bidder
Alstom T&D India	Loss Figure / Capitalization of loss	Loss figure to be limited to the Measured value of Losses of the failed transformer at the time of purchase from m/s BHEL within maximum tolerance of 10%. Measured loss of Tr-1; Sl no: 2015538 No-load loss:28 kW : Load loss:-265.43 kW Measured loss of Tr-2 Sl no: 2013683 No- load loss : 26.43 kW ;Load Loss-261.62 kW Loss Capitalization shall be done with the accepted bids with loss values within specified limit. For the purpose of evaluation of bids/releasing of payment , the capitalized cost of iron loss, load loss shall be added to the quoted price of the transformers at the following rates:- 1) Capitalized value of No load loss per kW :- Rs 4,95,943/- 2) Capitalized value of No load loss per kW :- Rs 2,02,345/-
Alstom T&D India	Delivery Schedule	Bidder to follow Tender document
Aditya Bidyut Appliance Limited	Scope of work after delivery	SFRA test is to be carried by the bidder at the time of commissioning. All other tests will be done by WBSETCL during commissioning



CONTINUATION SHEET

Name of Vendor	Query in brief	Reply to query
Aditya Bidyut Appliance Limited Alstom T&D India	Proposed Joint Inspection after receipt of transformer at site by bidders	Two joint inspections are considered 1) Stage Inspection 2) Inspection at the time final testing in presence of WBSETCL at works of repairer

The Power Transformer covered under this specification shall comply with the requirements of the latest edition of following Standards:

- i) IS:2026 (Part I to IV) - Specification for Power Transformer
- ii) IS:2099 & IS:3347 - Bushing for alternating voltage above 1000 volt
- iii) IS : 6600 - Guide for loading of oil immersed transformer
- iv) IS : 335 - Specification for transformer oil
- v) CBIP - Manual on transformer.
- vi) IEC-60076 - Power Transformer
- vii) IEC-60214 - On Load Tap changer.
- viii) IEC-354 - Loading Guide for Oil immersed Transformer
- ix) IEC-551 - Tr. Sound Level.

In case of any conflict with any clause in the existing tender document and the reply given herein with reference to the queries of the bidders, the reply given herein shall be final and binding. This shall form an integral part of the tender

Sd/-
(A. Raichaudhuri)
Chief Engineer: Tr(O&M)