

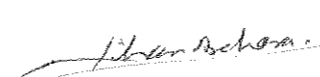
## Minutes of Pre-Bid meeting held on 15/04/2026

**Ref:-Design, Manufacturing, Supply, Installation, Testing and Commissioning of HT Capacitor Bank with APFC panel at Ferro Chrome plant, OMC.**

Sl. No.	Specification Reference	Clause / Point No.	Specification Description	Bidder's Query / Clarification Required	Site Response from FCP
1	Eligibility Criteria – Type Test Requirement	Clause 7 (iii)	Bidder/OEM/System Integrator shall have valid & approved type test report for 500 KVAR, 11 kV or higher capacitor bank and APFC within 7 years.	As per technical specification, In APFC Basic Capacitor unit is 214.66 KVAR, 7.43 Hence, please confirm <b>type test report of similar or higher rating</b> capacitor bank/APFC shall be acceptable. Instead of 500kVAr 11kV	Tender condition prevails.
2	Additional Instructions to Bidders	Clause 9	Site details and installation related information	Please provide <b>site photographs</b> , details of <b>civil work (if any)</b> , scope of <b>power and control cables</b> , and <b>available installation space (L x W x H)</b> .	Please refer clause-9.1 site visit of tender document.
3	Technical Requirement of MV APFC Panel	Clause 3.7	Make of major equipment	Please confirm whether <b>deviation is permitted in make of equipment</b> such as Capacitor Unit, APFC Relay, Reactor, etc., including <b>bidder's own make</b> .	Deviation as permitted is indicated in the revised tender document .Please refer Annexure-2 clause-3.7 Technical Requirement of MV APFC Panel of revised tender document.
4	Series Reactor Specification	Clause 3.8	6% Aluminium wound Iron Core Series Reactor	Please clarify whether <b>Air Core Series Reactor</b> can be offered instead of Iron Core Reactor, subject to meeting electrical and harmonic performance requirements.	Tender condition prevails.
5	HV Capacitor Construction	Clause 3.8 (R)	Minimum 4 single-phase capacitor units in parallel per phase, connected in star formation	Please clarify the <b>technical rationale for minimum 4 basic units per phase</b> and confirm whether <b>1 single-phase unit per phase</b> is acceptable.	Tender condition prevails.
6	Commercial – Price Bid	Annexure-4	Price Bid format	Please confirm whether <b>Installation, Testing &amp; Commissioning (ITC)</b> can be executed and quoted by the bidder for <b>design, manufacturing, testing and supply</b> .	Design,Manufacturing,Supply,Installation ,Testing and Commissioning all in Bidder scope as mentioned in tender document.
7	Technical Requirement	Page-58	APFC Relay 12 Step, 3 CT Sensing, Microprocessor base, 110V DC Aux. with RS485 port- Unistar/ Hitachi Energy/ Siemens Make	Inclusion of Make Beluk	Tender condition prevails.
8	Technical Requirement	Page-60	Vacuum Contactor, Fixed Type, 3P, 400A, 11 kV, 110V DC, Capacitor Switching current 250A-Hitachi Energy /SIEMENS/ CGL/ Unistar Make	Inclusion of Make Epcos	Tender condition prevails.
9	Technical Requirement	Page-60	APP Capacitor, 214.66 KVAR, 7.43 KV, INTERNAL FUSE, 1 PH, 50 Hz With inbuilt discharge resistances-Hitachi Energy/SIEMENS/ Unistar make	Inclusion of Make -Magnewin	Tender condition prevails.
10	Technical Requirement	Page-60	Series Reactor, Dry Type, Aluminum wound, 1 Ph, 11 KV 50 Hz, 6% suitable for 500 KVAR Step-Hitachi Energy/SIEMENS/ Unistar make	Inclusion of Make -Magnewin	Tender condition prevails.
11	Technical Requirement	Page-60	APP Capacitor, 214.66 KVAR, 7.43 KV, INTERNAL FUSE, 1 PH, 50 Hz With inbuilt discharge resistances-Hitachi Energy/SIEMENS/ Unistar make	Inclusion of Make -Magnewin	Tender condition prevails.
12	PQC	Page-61	(SITC) of at least 2 Nos. of 3000 KVAR, 11KV or higher capacity High Tension (HT) Capacitor Bank with APFC Panel in each order during last 05(Five) years.	Seeking consideration of OEM PQC documents instead of bidder, if Authorized dealer participates	Please refer clause-7.1 (ii) Eligibility Criteria of tender document.
13	PQC	Clause-7.1	valid & approved type test report for each rating of 500 KVAR, 11KV or higher capacity Capacitor bank and APFC approved within 7 years from bid opening date.	Seeking clarifications regarding which type of TTR required , like - IP Test etc. in detail, kindly clarify	Sealing Test,Capacitance measurement test, IR Test,Thermal stability test,Voltage test,Discharge device test,H.V Impulse test,RIV Test,S.C Discharge test etc
14	Additional Instructions to Bidders	9.1	Site Visit	Please confirm how and by when the visit will be scheduled.	Please refer clause-9.1 site visit of tender document subject to prior approval of Head of Ferrochrome Plant,Jajpur Road.
15	Scope of Supply & Work	3.8	Equipments in Main Incomer	Please confirm whether the VCB is to be considered within the scope of supply, as it is not included in the BOM.	Provision of VCB shall be in bidder scope.
16	Scope of Supply & Work	3.2	B. Installation, testing & commissioning of Capacitor Bank with APFC Panel.	Please confirm whether a total of 30 mandays is required, or if the requirement covers complete supervision of installation and commissioning.	Complete Installation, Commissioning & Testing of Capacitor Bank with APFC Panel shall be in bidder scope.All man power requirement shall be accessed by bidder.

  
Dy.Mgr(Elect.)-FCP

  
Sr.Mgr(Elect.)C&P

  
DGM(C&P)

  
Unit Head-FCP

  
CGM(C&P) 23/4/26