

ANNEXURE A

Reply to Pre Bid Queries

Supply, Installation, Testing , Commissioning & Three year's Comprehensive maintenance of HVAC system and other allied accessories for Commercial Office Complex building on plot no. CO3 at sector-21 of Naya Raipur

NIT No. 147 /HVAC/CO3/ELECT/CE(E)/NRDA/2016-17, Naya Raipur

Dated: 20.12.2016

Sl.	No. Title/Item No.	Description	Bidders Queries	Clarification/New Items
1	BOQ . ITEM NO. A.1 Air cooled water chilling machine :-	Chilled water Leaving Temp. 44 deg.F Chilled water Entering Temp. 54 deg. F Chiller fouling factor = 0.0005 (FPS units) Condenser air entering temp. 110 deg.F IKW / TR < 1.4 at full load inclusive of condenser fans power.	Chiller Performance cut off Request you to allow cut off Kw/Tr of 1.52 at full load at site condition of CHW In /Out as 54 / 44 Deg F with 0.0005 FPS fouling at Condenser air entering of 110 Deg F including condenser fan power...noting Air Cooled Chiller and Air over Condenser temperature of 43deg C.	No change
2	BOQ . ITEM NO. A.1 Air cooled water chilling machine :-	Supply, Installation,Testing and Commissioning of Air cooled water chilling machines of 200 TR actual capacity comprising of Screw multiple compressors, refrigerant cooled motor, star delta starter, insulated shell and tube chiller, air cooled condenser, Vibration Isolators for vibration isolation, complete with microprocessor unit, safety devices, refrigerant piping, R-134a refrigerant and compressor oil charge. All components shall be skid mounted. The motor shall be suitable for 415 + 10% Volts, 50 Hz, 3 Phase, AC power supply. Quoted price shall be inclusive of port clearance, transportation, insurance, unloading, lifting, shifting of machine	Chiller capacity: Kindly consider actual capacity of chiller at site condition of 200+/- 5% TR.	NO NEGATIVE DEVIATION IS ALLOWED IN THE CAPACITY
3.a	Factory testing		Kindly confirm if 4 point factory testing is required for all the chillers or only one point @ 100% load.	Factory Testing is required at four points at 100% , 75%, 50%, 25%
b.			In case the chiller is imported, if the cost of International travel (To and Fro, including lodging/boarding and Visa) to be considered for 3 people from NRDA.	No change
4	BOQ . ITEM NO. A.1 Air cooled water chilling machine :-	Chiller installation-	kindly clarify if MS structural platform for installation of chillers at Terrace to be considered in chiller price.	Yes , M S structural Platform for installation of chillers at Terrace to be considered in chiller price.
5	BOQ . ITEM NO. A.4 Floor / Ceiling Mounted Air Handling Units :-	Air Handling Units	AHU - Please clarify if starter panel along with VFD to be included in AHU price	AHU Panels are not to be considered in AHU price.
6	Cost Abstract ITEM NO. 7	Three year's Comprehensive Operation & maintenance of HVAC system	Please confirm if rates to be quoted for each tender items are inclusive of 3 Years comprehensive maintenance charges and taxes applicable. Our request if if payment terms can be separated for Equipment supply/installation and AMC charges(for 3 years).	3 Years Comprehensive Operation & maintenance of HVAC system to be quoted separately as mentioned in Cost Abstract . Payment shall be as per tender document. Note - A- Total amount quoted for SITC and O& M shall be consider for evaluation of the lowest bidder . B- In case of the O& M quote is less than 15 % of the total bid value .The payment of SITC shall be restricted to 85 % of the total amount of contract as per the detail payment break up in tender.
7	NRDA F-1-Schedule-D- Section-IV-SPECIAL CONDITIONS OF CONTRACT clause no.3 & 4	Water and Electricity	Since this is largely High side equipment supply and installation, Electricity and Water required for installation/testing should be part of low side contractor. Else there could be duplication of scope and issue between the 2 contractors	No change
8	Quoted rate		Statutory variation , including GST implication. Should be paid extra	Price quoted shall be inclusive of all the taxes and duties. If any variation in taxes after award of contract then the increase /decrease in the taxes will be adjusted accordingly.