

Responses to Queries

Pre-bid Queries related to Tender No: CDACP/NSM-DC-IIT-GANDHINGR/20-21/322

Name of the bidder:		M/S. DHANANJAY INDUSTRIAL ENGINEER PRIVATE LIMITED [WQ INDIA]	
Sr.	Tender Referanace Clause	Query from bidder	C-DAC Response
1	Page No.66ANNEXURE D - LIST OF RECOMMENDED MAKESPoint No.67	Inclusion of WQ INDIA make for PDU	Product needs to match the Tender Requirement
2	Page No.72Mechanical ComponentsPoint No.5	Inclusion of WQ INDIA make for Rack	Product needs to match the Tender Requirement
Name of the bidder:		Nikom Infracoluation Pvt Limited	
Sr. No.	Tender Referanace Clause	Query from the bidder	C-DAC Response
1	Section / PagePAC 72/85Clause Reference recommended makes	kindly add Flakt & stulz as an additional make of PAC as both are renowned and acceptable makes in the market	Product needs to match the Tender Requirement
2	Section / PageRack 72/85Clause Reference recommended makes	Kindly add WQ as an additional make of Rack.	Product needs to match the Tender Requirement
3	Section / PageRack 38/85Clause Reference7.21	Kindly add "Intellitao" for rack access control locks for high security electronic locks with 3 level protection	Product needs to match the Tender Requirement
4	Section / Page67Clause Reference22	kindly add WQ make for rack PDU.	Product needs to match the Tender Requirement
5	Section / Page14/85Clause Reference3 Payment terms	civil , electrcial & IBMS cater around >25% cost , to maintain cashflows, kindly add these items as eligible for payments against delivery	As per Tender
6	Section / PagePanel and Cabinet 31/85Clause Reference7.4.2	Cabinet shall be Double skin GI powder coated with 0.8mm inner thickness and 1mm outer thickness with 25mm Rockwool insulation and 60kg/cum	Product needs to match the Tender Requirement and as per manufacturers standard practice.
7	Section / PageFilter Clog Switch 31/85Clause Reference7.4.2	Unit will be with 1Nos. Pressure switch for Filter clog alarm	Purpose is to get the input of clogged filter alarm. In case two prob and one common pressure switch is difficult to address the filter clogged condition. As per Tender document.
8	Section / PageCoil 31/85Clause Reference7.4.2	Coil shall be straight slant type	As per Tender Document
9	Section / PageInverter Scroll compressorClause Reference7.4.3	Kindly confirm distance between Indoor and Outdoor units.	Refer Corrigendum
10	Section / PageEvaporator coil 32/85Clause Reference7.4.3	Unit shall be with only single Evaporator coil.	As per Tender Document

11	Section / PageCondenser Fan 33/85Clause Reference7.4.5	Kindly confirm if condenser are with Axial fans or EC fans	Refer Corrigendum
12	Section / Page Dehumidification 33/85 Clause Reference7.4.8	Dehumidification will be through fan speed controller.	Electronics Expansion Valve will give better and fast control than only controlling fan speed . As per Tender .
13	Section / PageBOQ 1.18 Clause Reference Fire Alarm system including Detectors, panels, cabling and associated accessories etc.	Kindly Confirm the areas where fire alarm system is to be implemented. Also, Technical specifications are missing for the fire alarm system. Pls share the same as well	Fire Alarm system need to be considered in Data Center Area and Panel, UPS , Battery Room Area.Technical specification are provided under clause no 8.4 page no 41.
14	Section / Page GeneralClause Reference Public address system	Kindly confirm whether Public address system is a part of the scope as both the technical specification and BOQ does not mention about the same. Kindly confirm the scope.	Not Required
15	Section / PageBOQ 1.19 Clause ReferenceFire Suppression system for Data Center area including Gas release panel, cylinder, Manifold, piping and associated accessories etc.	Provided layout (title : Data center - Equipment Layout) is having BMS room, Server room and Panel, UPS and battery room areas. Kindly confirm whether these three areas combined are to be considered for Data center area GSS scope.	Refer Tender Page no 47 Clause no 5.8
16	Section / PageBOQ > 1.21Clause ReferenceFire suppression system for Panel Area including Gas release panel, cylinder, NOVEC, Gas, Manifold piping and associated accessories etc	Kindly confirm whether panel area comprises of Panel, UPS and battery room shown in the Data center - Equipment Layout or it is another area? If it is another area then layout is not available for the same. Pls confirm & share the same.	As per Tender Drawing Provided
17	Section / PageBOQ > 1.24Clause ReferenceIBMS software including system (Computer ,Monitor) integration of third party devices, I/O modules, all ontrol and communication cabling etc.	We request to provide detailed IO summary or list of all the IBMS equipments with qty. mentioned.	Bidder's scope
18	Section / PageBOQ > 1.25 Clause Reference Other IBMS including Water leak detectors, Rodent Repellent, Vesda etc. system	Kindly confirm the areas where Water leak detection, Rodent Repellent, Vesda system is to be implemented.	Refer Corrigendum

19	Section / Page General Clause Reference Access Control System	Technical specifications for access control system are provided in tender document however the same is not part of the BOQ. Kindly clarify the scope for Access control system.	Page no 46 point no 5 is given. Access control is part of Tender
20	Section / Page General Clause Reference Layout in CAD format	We request you to provide all Layouts in CAD format with detailed equipment location markings for designing purposes	Request on email:- mmg@cdac.in
Name of the bidder:		Schneider Electric	
	Tender Reference Clause	Query from the bidder	C-DAC Response
1	Section-I/4 of 85 Clause Reference 3.1.3 General	Water consumption data is not applicable since this is	Water Consumption Data is not required
2	Section-III/13 of 85 Clause Reference 2 Completion period	In view of the present Pandemic situation, overall time required for manufacturing & delivery to the site for equipments will be high. In view of this, request you to increase the completion period from 4 months to 6 months.	As per Tender
3	Section-III/14 of 85 Clause Reference 3 ISAT	Since the high density racks are of DCLC type, there shall not be any heater load bank based ISAT and ISAT shall be conducted based on the actual IT load made available by the DCLC supplier during ISAT.	ISAT will be on actual available IT load.
4	Section-IV/22 of 85 Clause Reference 2.7 Water availability	Kindly arrange to provide water required for project execution / testing / flushing free of cost.	Refer Corrigendum
5	Section-IV/29 of 85 Clause Reference 7.1 Room Temperature	It is indicated that room temperature of 24 +/- 2 deg C, is it rack inlet or room temperature ?	Refer Clause No 7.4.1. page no 31 - Specified as (Input to server rack: 24DegC +/- 2 Deg & 50% RH
6	Section-IV/34 of 85 Clause Reference 7.6 Pumps	Kindly permit to use vertical inline pumps also.	Allowed
7	Section IV Page 35/85 Clause Reference 7.9 Design Pressure in Chilled water system	To Clarify whether to design the system for PN 10 or PN16 basis?	PN10
8	Section IV Page 37/85 Clause Reference 7.18 Air Separator	Air separator inlet /outlet dia is indicated as 14". Kindly clarify since Air separators are selected based on chilled water pipe dia (for this project=100 mm)	As per System Design
9	Section IV Page 37/85 Clause Reference 7.18 Air Separator	2400 USGPM of water flow is indicated for air separator. Kindly clarify	Refer Corrigendum
10	Section IV/ Page 39/85 Clause Reference 8.2 water flow meter	To meet this, can we supply pumps with integral flow measuring function?	Refer Clause No 7.6 page no 34 .
11	Annex H/80 of 85 Clause Reference O and M	Kindly clarify whether the O and M team required at site for 24 X 7 basis?	Refer Corrigendum

12	Drawings Clause Reference P & I D	Pressurisation tank capacity shall be evaluated during the detailed design. Kindly approve.	As per System Design
13	Drawings Clause Reference BMS Room	Kindly provide details of Civil work involved in BMS room such as partition s/ painting/false ceiling / furniture etc	Refer Corrigendum
14	Drawings Clause Reference BMS Room	Kindly provide details of HVAC work involved in BMS room such as provision of cooling units	Refer Corrigendum
15	Drawings Clause Reference BMS Room	Kindly provide details of Electrical work involved in BMS room such as provision of light fixtures / wiring etc	Refer Corrigendum
16	Drawings Clause Reference Floor layout (1/6)	There is a Flor Sunk indication in the drawing. Pls clarify whether any civil works are involved for the floor sunk area	Not Required
17	Drawings Clause Reference	Kindly share the auto cad drawings for more clarity	Request on email id:- mmg@cdac.in.
18	Section-IV page 43 of 85 Clause Reference 8.8WLD	Water leak detection- Please clarify on type WLD system requirement - Conventional type with zone cable with BMS integration/Basic addressable type with BMS communication/ Addressable system with graphic display on panel . If it is conventional zone cable , can we consider C system or synopsis make conventional systems. Given approved makes are for addressable system (Tracetek, Liebert, Sontay)	Conventional type with zone cable with BMS integration
19	Section-IV / 27 of 85 Clause Reference 6.2DG Set	Daytank with capacity of 450 lit which will be external or internal.	Internal to DG set
20	Section-IV / 29 of 85 Clause Reference 6.6TVSS	Can we select the TVSS as per the panel requirement instead of < 0.5ns.	As per Tender
21	Section-IV / 44 of 85 Clause Reference 9Early Streamer Lightning Arresstor	Site has already installed with Lightning Arrestor, still we need to consider the Lightning Arresstor.	Yes, As per tender
22	Make List 66 of 85 Clause Reference LT Cables	All the LT cables should considered with FRLS type.	As per Tender

23	Terms Conditions Clause Reference General	<p>Request to include this clause A) SUSPENSION: The Seller shall have the right to suspend the execution of works, in part to whole, due to any of the following reasons:</p> <ul style="list-style-type: none"> i) Delay or default by the Buyer in providing encumbrances free site fronts or right to access site or approach road to site. ii) Seller Payment are withheld / suspended beyond reasonable time limit; <p>If the suspension lasts for more than 90 days, the seller shall be entitled to terminate the contract. Upon such termination, Seller shall be entitled to payment of amounts for the works already carried out and all other incidental costs incurred including costs of material already ordered or under production, cost of demobilizing and liabilities due to vendors and sub-contractors of the Seller. In addition, either Party shall be entitled to suspend the work due to occurrence of any force majeure conditions, which are beyond the control of the affected Party with advance notice of 30 days.</p>	As Per Tender
24	Terms Conditions Clause Reference General	<p>Request to include below clause B). MISCELLANEOUS PROVISIONS:</p> <p>The deliverables provided by Seller under this Agreement contain or may contain components and/or technologies from the United States of America (“US”), the European Union (“EU”) and/or other nations. Buyer acknowledges and agrees that the supply, assignment and/or usage of the products, software, services, information, other deliverables and/or the embedded technologies (hereinafter referred to as “Deliverables”) under this Agreement shall fully comply with related applicable US, EU and other national and international export control laws and/or regulations.</p> <p>Unless applicable export license/s has been obtained from the relevant authority and the Seller has approved, the Deliverables shall not (i) be exported and/or re-exported to any destination and party (may include but not limited to an individual, group and/or legal entity) restricted by the applicable export control laws and/or regulations; or (ii) be used for those purposes and fields restricted by the applicable export control laws and/or regulations. Buyer also agrees that the Deliverables will not be used either directly or indirectly in any rocket systems or unmanned air vehicles; nor be used in any nuclear weapons delivery systems; and will not be used in any design, development, production or use for any weapons which may include but not limited to chemical, biological or nuclear weapons.</p>	As Per Tender

Name of the bidder:		GJ Decors	
Sr. No.	Tender Referanace Clause	Query from the bidder	C-DAC Response
1	Existing Infra - Server room Existing Widnods in server room and UPS rooms	There are two glass window and two windows in Server room - Is ti to be seald with brick works?	Existing glass windows to be sealed by two hours fire rated Gypsum partation.
2	Existing Infra - Server room Existing equipments	There are electrical fittings and fales ceiling , Gyp ceiling & Lighting DB's in the site. How the site will be handed over to Bidders?	Refer Corrigendum
3	Existing Infra - Server room Chillier piping shaft with wooden door	The wooden door on chiller piping shaft - is to be closed with metal door - please conform	Refer Corrigendum
4	Existing Infra - BMS room Window next to NOVAC gas cylinders	As per the drawing an Glass window is shown next to NOVAC gas cylinders on the cooridoor on the BMS room wall . But there is an exising lab faculty inside the room behind this proposed window.- Please clarify	Refer Corrigendum
5	Existing Infra - BMS room Modification	Please specfiy any other modification need to carriedout in BMS room.	Refer Corrigendum
6	Electrical Gen.set 400Kva	Space avaiable at existing Gen.set yard is not sufficant to install 400Kva Gen.set - Need clarity on additional space and scope of the same.	Finished space will be made available
7	Electrical Main Power cable	As per SLD 3 Runs of 300Sq mm Al cable is to be laid from Sub staion to DC Electrical room - The Trench is very narrow and very defficult to execute - Suggest alterlate route or allow to make new trench.	Existing trench is sufficient to accommodate these cables.
8	Electrical DC LT panel - DC room	For second source of power from another substation is marked - Is it under this tender scope ? - If yes additional 250 Mts cable are required - Please clarify.	Not part of this Tender Scope
9	Earthing earth pits Location	As per the location alloted its possiable only to do Chemical earthpits - Please conform the same.	As per Clause no 6.5 page No 28 of Tender
10	LT Panles IEC 61439	LT Panels are asked with IEC 61439 standered - Can it be considered CPRI approved panle builder please accept	As per Tender , IEC 61439 OEM panels are required.
11	BMS system Integration of Existing BMS with New supply	Client used Honeywell EBI 431.2 verstion BMS system - Please do conform if the DC BMS should be intergtared to existing system or Independent with notifications.	As per Bidder Design
12	Drawing Layout and SLD	Request you to issue CADD formate of the drawing - Layout and SLD.	Request to mmg@cdac.in

13	Eligibility Criteria Bidder should have minimum turnover of Rs. 5.0 Crs for each of the last three financial years.	Request to Kindly Consider Last 4 Financial Years Annual Turnover Average of 7 Crores .	Refer Corrigendum
14	7.4.2/31 Panel and Cabinet	Cabinet shall be Double skin GI powder coated with 0.8mm inner thickness and 1mm outer thickness with 25mm Rockwool insulation and 60kg/cum density.	Product needs to match the Tender Requirement and as per manufacturers standard practice.
15	7.4.2/31 Filter Clog Switch	Unit will be with 1Nos. Pressure switch for Filter clog alarm	Purpose is to get the input of clogged filter alarm. In case two prob and one common pressure switch is difficult to address the filter clogged condition. As per Tender document.
16	7.4.2/31 Complete Coil should flat and should be fully accessible from front and V or A shape type of coil not acceptable	Coil shall be straight slant type	As per Tender Document
17	7.4.3/32 Inverter Scroll compressor	Kindly confirm distance between Indoor and Outdoor units.	Refer Corrigendum
18	7.4.3/32 Each Compressor / refrigerant circuit to have its own independent Evaporator coil and Condenser coil.	Unit shall be with only single Evaporator coil.	As per Tender Document
19	7.4.5/33 Condenser Fan	Kindly confirm if condenser are with Axial fans or EC fans	Refer Corrigendum
20	7.4.8/33 Dehumidification	Dehumidification will be through fan speed controller.	Electronics Expansion Valve will give better and fast control than only controlling fan speed . As perTender .
Name of the bidder:		Aurionpro Solutions Limited	
Sr. No.	Tender Referance Clause	Query from the bidder	C-DAC Response
	SECTION II – INSTRUCTIONS TO BIDDERS (ITB) Page No.7.3 Eligibility Criteria 3.3	We request you to consider 1 number of Data Center Design & Build with 200~450kVA UPS Load and 55Tons of Cooling Capacity.	As per tender
Name of the bidder:		Flakt Group	
Sr. No.	Tender Referance Clause	Query from the bidder	C-DAC Response

	Page No.66ANNEXURE D - LIST OF RECOMMENDED MAKES	Inclusion of Flakt Group for PAC	Product needs to match the Tender Requirement
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