

DC INVERTER VRF CONDENSING UNITS SCHEDULE

SR. NO	ITEM	LOCATION	SERVED AREA	COOLING CAPACITY (NET TR)	AMBIENT TEMPERATURE (°C)	ELECTRICAL DATA			
						VOLT (V)	PHASE (Φ)	CYCLE (Hz)	QTY
1	CU-1	ROOFTOP	GROUND FLOOR	36	43	380~400	3	50	1
2	CU-2	ROOFTOP	FIRST FLOOR	36	43	380~400	3	50	1
3	CU-3	ROOFTOP	SECOND FLOOR	36	43	380~400	3	50	1

DC INVERTER VRF CASSETTE TYPE INDOOR UNITS

SR. NO	ITEM	INDOOR UNIT TYPE	SERVED AREA	COOLING CAPACITY (NET TR)	ELECTRICAL DATA			QTY
					VOLT (V)	PHASE (Φ)	CYCLE (Hz)	
GROUND FLOOR								
1	SAC-1	CEILING CASSETTE TYPE	GROUND FLOOR	2.3	220~240	1	50	6
2	SAC-1	CEILING CASSETTE TYPE	GROUND FLOOR	2.6	220~240	1	50	8
3	SAC-3	CEILING CASSETTE TYPE	GROUND FLOOR	3.2	220~240	1	50	1
FIRST FLOOR								
1	SAC-1	CEILING CASSETTE TYPE	FIRST FLOOR	2.3	220~240	1	50	6
2	SAC-1	CEILING CASSETTE TYPE	FIRST FLOOR	2.6	220~240	1	50	8
3	SAC-3	CEILING CASSETTE TYPE	FIRST FLOOR	3.2	220~240	1	50	1
SECOND FLOOR								
1	SAC-1	CEILING CASSETTE TYPE	SECOND FLOOR	2.3	220~240	3	50	6
2	SAC-1	CEILING CASSETTE TYPE	SECOND FLOOR	2.6	220~240	1	50	8
3	SAC-3	CEILING CASSETTE TYPE	SECOND FLOOR	3.2	220~240	1	50	1

**CONSTRUCTION OF ADDITIONAL FACILITY BUILDINGS (02 Nos) ON PLOT No.123 & 124
AT O.G.D.C.L. WORKSHOP, SECTOR I-9, ISLAMABAD**

Sr#	BIDDERS QUERIES	O.G.D.C.L. REPLY
1	Equipment schedule is missed. Please provide.	Enclosed
2	VRF Schematic schedule is missed. Please provide..	Enclosed
3	Air Curtain brand & schedule is missed. Please provide.	Imported/Chinese.
4	Exhaust Fan item is missed in BOQ. Please confirm.	Not included in BOQ
5	Job or numbers not mention in BOQ item "Power Cable & Control, MCC, ACPs for each Floor". Please mention, job or numbers.	Job
6	Refrigerant Pipe brand not mentioned. Please confirm.	Imported/Chinese.
7	Rubber foam insulation brand not mentioned. Please confirm.	Imported/Chinese.
9	Pressure reducing Valve (PRV) make for fire system is given in approved Manufacture list I-TAP, but I-TAP is making / available only plumbing PRV, Please Clarify.	use equivalent to it
10	Floor Control Valve Assembly sizes not mentioned in BOQ, Please provide.	As per Dia of pipe
11	Diesel Pump is missed in Fire BOQ, Please mention.	Proceed as per dwg.
12	Fire Pumps mentioned in BOQ are KSB; please confirm its country of origin.	Pakistan
13	Fire Hydrant brand not mentioned. Please confirm.	Naffco – UAE Sffeco – UAE Fesco Lifco
14	Electrical geyser brand not mentioned. Please confirm.	Corona / Nasgas / Canon or equivalent
15	Gas Burner brand not mentioned. Please provide.	Corona / Nasgas / Canon or equivalent
16	Testing & Commissioning item missed in BOQ.	Generally it is mentioned in all items of Fire fighting but if it not mentioned in any item where it is required; please include cost of

		testing & commissioning for such item.
17	As per clause 10.1, performance security in form of bank guarantee is required. Please appreciate that as per standard bidding documents, insurance guarantee is also acceptable. Request for necessary amendment.	As per OGDCL policy, insurance guarantee is not acceptable.
18	As per clause 48.2, special procedure for TOC has been specified. However attachment, I, II and sample certificate stated in clause are not provided with bidding documents. Please provide the same.	There is no part completion. Both buildings need to be constructed / completed simultaneously within mentioned completion period. Sample completion certificate will be provided to lowest bidder at time of signing of Contract.
19	As per clause 60.10, states time for payment, "As per employer procedure" has been stated. This needs to be explained in details because such vague provisions can lead to disputes at letter stage.	The payment shall be made as per clause GCC 60.2, GCC 60.1 & PCC 60.1 subject to provision of all documents / certificates required for processing of payment as per employer procedure. (PCC 60.2 is deleted)
20	Clause 69, employer default has been deleted. This will make the agreement one sided and can lead to court cases at a very early stage. Request for reinstatement of original clause.	As per Company vetted Bidding Documents the clause is deleted.
21	Clause 70.1 has been deleted that means no price adjustment. In present unstable economic situation, this is unavoidable. Request for provision of price adjustment for major element like, cement, steel, labor bricks & POL.	Referred to PCC 70.1. The contractor shall built-in an allowance in the quoted rates / bid price for market inflation during construction period. The same provision has already been included in estimated cost.
22	Clause 73.2 says, employer can make changes. Please appreciate that no change in contract can be made by either party unless agreed by both. Request for reinstatement of original clause	Existing applicable law and procedure for Custom duty and taxes are applicable. No changes to be made after signing of contract.
23	As per clause 79.1, it has been stated that payment of extra item will be done as per	For variation and its valuation, GCC clauses 51 & 52 will prevail,

	MES schedule with prevailing percentage. Please appreciate that this is very vague, rather than MES schedule the payment may please be made on market rate with 30% for overheads & profits.	however, in case of disagreement, PCC 79.1 will prevail.
24	Please clarify whether water & electricity are available at site and what will be made of recovery	Contractor has to make its own arrangement for water and electricity.
25	As per BOO Item No. 14; DPC of double layer of polythene sheet specified, please provide drawings so that pricing can be done accordingly.	Already provided in details in drawing No. A 113 (Architectural Drawings)
26	As per BOO Item No. 17,18 &19; Porcelain tiles & marble has been specified, which has lot of cost variation, it is better to fix the base price to make the bid competitive.	<p>Ceramic tile – Shabbir tile Master Forte Or approved equivalent</p> <p>Porcelain tiles: RAK Grannito Or Approved equivalent</p> <p>Marble: Hazara Granite or equivalent. The contractor shall quote their rate for grade-1 tile / marble for above mentioned manufacturer as per Specification given in BOQ Descriptions.</p>
27	As per BOO Item No. 22; Thickness of paving stone is not specified, please clarify.	50 mm thickness is mentioned in BOQ item # 22.
28	As per BOO Item No. 25; Reference to BOO item No. 31 - which is hollow flush doors, whereas the item No. 25 is for plastic emulsion. Please rectify the reference.	Reference is made to BOQ item # 24 instead of 31.
29	As per BOO Item No. 28 & 29; Thickness of dampa ceiling & gypsum ceiling are not specified, please clarify.	Thickness of dampa ceiling=7mm & for gypsum ceiling thickness12.5 mm
30	As per BOQ item # 37, nomenclature of BOQ for SS stair railing does not tally with drawings. Please clarify the error.	Please quote rate as per BOQ.

31	As per BOQ Item No. 40; Curtain railing has been specified, please provide drawings.	There are no drawings for such item. Quote the rate as per factory fabricated & BOQ Specification.
32	As per Head No. II & III; Sanitary fittings & fixtures rates vary a lot. Please specify base price for competitive bidding.	Please proceed as per BOQ and list of manufacturer given in the bid documents.
33	As per BOQ Item No. 152 to 155; Lighting fixtures has been specified, which has lot of cost variation, it is better to fix the base price to make the bid competitive.	Please proceed as per BOQ and list of manufacturer given in the bid documents.
34	The volume of concrete is very low for Batch Plant. Can we use volumetric mix with Mixer Machines or shall we use weighed concrete batches using Batch Plant?	Both Batching plant and Mixer Machines concrete are acceptable, but as per ASTM requirements.
35	In architectural drawing aluminum glazed curtain wall system is shown whereas in BOQ curtain wall is not mentioned and only fixed windows are mentioned. Shall we quote rate with respect to curtain wall system or with respect to the fixed window?	Quote rate as per drawings
36	Drawing No. FF 408 (for fire fighting) shows 01 No. Diesel Turbine Pump and 01 No. Electric Turbine pump for 01 building, but in BOQ 02 No. Electric Turbine pumps are mentioned. Shall we quote rates for 02 No. of Electric Turbine Pumps or 01 No. Diesel Turbine Pump and 01 No. Electric Turbine Pump?	Consider 1 No. Diesel Turbine Pump and 01 No. Electric Turbine pump
37	BOQ item No. 223 states " Vertical turbine electric fire water pump (1 working + 1 stand by)" and the quantity for the same is mentioned as 04 Nos. The quantity of 04 Nos. with respect to item description requires clarification. Does this mean 04 pumps for 02 buildings (02 sets for both the buildings, each set comprising of 01 working and 01 standby) or 08 pumps (04 sets for both the buildings, each set comprising of 01 working and 01 standby)?	The quantity is 02 Nos comprising of 01 working (electrical) and 01 standby (Diesel). Plus one jockey pump and one each on roof top with OHWT as shown in dwg-408 & 409.
38	Item no. 16 of BOQ states "using "Helder" material for heat proofing manufactured by ULTRA of equivalent." We could not find "Helder" from Ultra or other manufacturers. Kindly provide contact detail of the manufacturer for the same material.	You can find the same from equivalent company "Sika Group" Contact No. 051-5161531 0300-8430057

39	Can we make our staff camp, labor camp, canteen, fabrication yard and storage yard within the site?	No. contractor shall arrange camp and canteen outside OGDCL premises.
40	Is there any item in the BOQ that require Factory Acceptance Test (FAT) or any other test or inspection outside Pakistan?	Yes, for air condition works.
41	Can we install electric sub meter to existing power line of OGDCL on payment basis for all our construction works and site offices?	No.
42	it is mentioned in the tender documents that we have to provide site office for OGDCL / Engineer's representatives. Kindly provide further detail of office (size, type, no. of persons, etc.)?	A temporary masonry structure with covered area of 1200 sft and good interior finishes with provision of basic amenities.
43	Shall we submit "Integrity Pact" (Appendix-M to Bid) on stamp paper, company letter head or plain paper with company seal and authorized signature?	Initially on company letter head.
44	Are there any Addenda, Corrigenda or Minutes of Meetings issued for the project? If yes, can you please share the same with us through email?	Prior to this clarification, no clarification or addendum or corrigendum or Minutes of meeting issued.
45	Vertical Turbine Type Fire Pump Set required with UL/FM Approvals or NON Listed ?	Not listed
46	Main Pump Electric Motor Driven and Standby Pump should be same with Motor or Diesel Engine Driven Type?	Main pump is electric motor driven, standby pump is diesel engine driven
47	Flow Rate of Main & Standby Pump?	500 US GPM at 90 meters as mention in BOQ
48	Pressure of Main & Standby Pump?	500 US GPM at 90 meters as mention in BOQ
49	Flow Rate & Pressure of the Jockey Pump Set?	10 USGPM pump capacity @ 146 m TDH. As mention in BOQs
50	Quantity of Fire Pump Skid? 1 Skid = 1 x Main Pump + 1 x Standby Pump + 1 x Jockey Pump + Controllers	Yes