

TICEL BIO PARK - II**PRE BID MEETING HELD ON 19.01.2012****PRE BID QUERIES & REPLY FOR DIESEL GENERATOR (DG) AND ALLIED WORKS**

S.No	Ref Page No	CLAUSE / ITEM	Heading	QUERIES	REPLY
1	11/Vol 1	6	Site Visit	Site Plan and Location Map not available with tender documents. Also PI inform that DG sets are to be installed on Ground Level or under basement	Utility building is designed to house 3 DGS, each 2000 KVA in Ground Floor. Now in the proposal is to install only one DG and provision for two more DG in future. Site map is also enclosed.
2	11/ Vol 3	1.20.1	Inspection &Test	DG set will be tested at DG Set Manufacturer works and other items will be at respective manufacturer only	Performance test to be carried out in manufacture works before despatched as detailed in tender.
3	11/Vol 3	1.21.0	Performance Test	Pl. confirm Fuel and Load will be provided by purchaser	Fuel has to be supplied by the firm. Load condition for testing will be provided by client
4	11/ Vol 3	1.30.0	Deviation	Shall submit with Technical Bid	No deviation is accepted.
5	29/Vol 3	Sec IV	Bus Duct	Any Make which complies with your technical bid	The credentials of the Bus Duct Fabricator shall be submitted for approval by EC/OE and Owner
6	18/ Vol 3	1.3.0/8	Max Ambient Temp 50 deg C	Alternator designed at 40 deg C. Ambient temp and not 50 deg C. If 50 deg C Ambient temp Alternator required then capacity of Alternator to be increased	The capacity of the Alternator has to be designed as per tender specification.

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7	18/ Vol 3	1.3.0/9	Insulation of Armature winding	Insulation of Alternator winding is Class H with temp rise to Class H insulation which is better temp sustain capacity then class B insulation	Quote as per tender specification
8	19/ Vol 3	1.5.2	Clause B insulation for Armature and field winding	Not possible. Only class H insulation is available.	Class H Insulation is acceptable.
9	22/vol 3	1.10.11	Window type annunciations	The DG set mounted monitoring; metering and control panel has maximum parameters on it. The balance annunciations whichever are possible shall be displayed on the AMF Panel.	The tender specification hold good
10	24/Vol 3	1.10.15	Cable Entry from Bottom	PI confirms PVC Power cable will be provided by purchaser, as in rate schedule. Rates of cable are not required. If to be connected with Bus Duct it will be from top entry.	Bus duct from top entry.
11		2.6.0	Scope	PI confirm that all statutory permission will be sought by purchaser	Tender Condition hold good as per note in Page 5 and page 9 of Vol 4
12	24/ Vol 2	28	Tax	Your term is not acceptable. If any change in statutory law after submission of offer or during execution shall be borne by Purchaser.	Tender Condition holds good
13	20/ Vol 2	23.3	Payment on supply	Kindly amend payment terms as follows:	Tender Condition holds good

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				80% of quoted rates on supply of materials	
				5% on erection ,testing ,commissioning 5 % on all necessary documentation, test certificates	
			Deduction of retention money	As we shall be furnishing performance bank guarantee, the deductions of 5% from our bill is not acceptable	Tender Condition holds good
			Deduction of Taxes	We are registered in Gujarat/Maharashtra state and will be paying Gujarat Tax and hence you will not make any deduction on this tax	IT and WCT will be deducted from bills by the Owner. Other taxes will be paid by the Tenderer.
14	Price Schedule	Item No 3	Control Panel Alternator mounted	The AMF Panel cannot be mounted on the Alternator. It has to be installed near to the DG Set	AMF Panel will be mounted near the DG Set
15	12/Vol3/	1.28.1	All civil data	All civil work will be in the scope of contractor	Foundation and pedestals will be by Main Civil Contractor.
16	Page 6/ Vol3	1.1.3	Coupling	Flexible Coupling and coupling guard are old design and obsolete. It will be now directly connected	Tender condition holds good
17	Do	1.2.1	Gauge	Lube oil Temp Gauge , Water Pressure Gauge – Not possible	Manufacturer's recommendation will be accepted

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18	7/ Vol3	1.3.1		High Lube oil Temp Gauge not possible	Manufacturer's recommendation will be accepted
19	22/ Vol 3	1.10.9		Lube Oil Temp High, Exhaust Gas Temp High – Not possible	Manufacturer's recommendation will be accepted
20				High Jacket Water and Cooling Temp High Not Possible	Manufacturer's recommendation will be accepted
21				Failure of DG Control Supply Not Possible	Manufacturer's recommendation will be accepted
22	25/Vol 3	1.10.16		Generator voltage regulator and field breaker cannot be fitted on panel	Voltage regulator may be fixed as per the recommendations of manufacturer
23	67/ Vol 3			Price to be furnished – Diesel storage and methanol storage	Methanol Storage Tank is not required. Please quote Price only for Diesel Storage Tank
24				Panel to be kept outside the Acoustic Enclosure. There is no space in site for Acoustic Kindly Clarify	Panel to be kept inside DG Room
25				Battery shall be pulse light Maintenance free make supplied by Cummins	Makes provided in tender alone will be considered
26				All DG Room, Control Panel room, section drawing with elevation details are required in Auto CAD	Drawing is enclosed.

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27				Exhaust Piping will be as per manufacturer recommendation for the specific height	Quote as per BOQ
28				Require Power during installation and commissioning	Construction Power has to be arranged by the tenderer
29				Obtaining approval from PCB shall be customer scope. Necessary document required shall be provided by us. Normally PCB approval is for the whole building and not for generator alone	Approval from PCB is client scope
30				Kindly clarify line item 48 in BOQ	1. When the tank level (Day tank-990Ltrs) reaches high, the feed incoming pump and valve to the day tank shall be closed automatically, but LAH(Level Alarm High) shall start functioning with alarm. This is to be reset manually to switch of the alarm.
					2. When the tank level (Day tank-990Ltrs) reaches low, the feed incoming pump and valve to the day tank shall be open automatically, but LAL(Level Alarm Low) shall start functioning with alarm. This is to be reset manually to switch of the alarm.

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					3. When the day tank (990 Ltrs) Reaches more than 80% of its capacity LAHH (Level Alarm is High – High) shall start functioning by giving alarm and this is to be reset manually.
31		BOQ Item 1		<p>Supply of First Service check 50/100/250 hours checkup such as filters, gaskets and all other items as may be required for servicing</p> <p>In our case, First Service check will be every 500 hours. And also confirm the Spares only shall be supplied or else including consumables like Lube Oil and Coolant shall be supplied.</p>	Tender Condition holds Good
32		BOQ Item 24		<p>Busduct - BOQ called for Copper busduct from DG AMF Panel to MV Panel</p> <p>Kindly confirm the Busduct from Alternator Terminal to DG AMF Panel</p>	Copper Bus Duct
33		BOQ Item 27		<p>Scrubber is suitable for 3 Nos. 2000KVA DG set</p> <p>We can give the scrubber suitable for 3 Nos. 2000KVA DG set, however after Scrubber minimum 20 inch exhaust pipe diameter (single pipe) or 1200mm dia exhaust chimney is required. Kindly confirm.</p>	Quote as per BOQ

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34		BOQ Item 33 a and b		UG Tank Capacity Kindly confirm the capacity of UG Tank	Quote for both 25 and 30 KL Tanks as per BOQ. Client will select any one at the time of execution.
35		BOQ Item 47		Flow Meter Kindly confirm the fuel flow meter will be Digital or Analog.	Digital Meter
36				Non BOQ Item but required as per PCB Norms Aviation Lamp & Lightning Arrestor is required as per PCB Norms. Kindly confirm the same is included in our scope. (Share to all vendors if required)	Quote rates only for items in BOQ
37		Tech Spec Vol 3 Item 2.5.1		Generating Set supply the full voltage within 10 sec of failure of EB supply and all the connected loads Generating set shall be started immediately when the absence of EB supply, however 12 - 15 sec is required to take the load and built up rated voltage.	Tender Condition hold good
38		Tech Spec Vol 3 Item 1.2.1		Engine Instrumentation	Digital Type Gauges may be provided

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				a. Analog gauges are replaced by digital, however we will be provided advance controller called DEIF or Deapsea having the facility to monitor engine and alternator parameter in digital. Kindly confirm the same.	
				b. Monitoring of Water pressure is not possible, however protection of high Water temperature shall be provided (Whenever the water pressure is low, water temperature will be high)	b. Manufacture's recommendation will be accepted
39		Tech Spec Vol 3 Item 1.5.1		Engine Cooling system Coolant filter is not available as per manufacturer design, since the cooling system will be closed circuit. Kindly confirm	Manufacture's recommendation will be accepted
40		Tech Spec Vol 3 Page 18 Item 12		Frequency Variation	As per manufcaturer (Leroysoner / stamford), (+/-) 3% frequency variation is accepted.
Clarifications					
41	4 and 5/ Vol 4	Item 26			Bus bar capacity shall be taken as 3200 A instead of 2500A as mentioned in BOQ