

Form A2-16 Form of Tender Clarifications

Contract for Engineering, Procurement, and Construction of 200 MW_{AC} PV Power Plant Project	TENDER DOCUMENTS	Clarification List No.1	Date: <u> </u> / <u> </u> / <u> </u> 2022 <u> </u>
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Item no.	Volume	Section	Chapter	Page	Question	Answer
1.	RFP		5	10		
2.	RFP		5	11	Can you please confirm that attachment B1_I-003 DCS/SCADA_ Overview corresponds to Form B1 Chapter 5.3 DCS / SCADA System?	NOT mentioned in our RFP
3.	RFP		6	13	Can you please indicate when the requirements of the performance guarantee will be provided?	
4.	RFP		6	37	Can you please define the capitalized term "STC"?	Subject To Contract
5.	RFP		6	39	Can you please clarify the following terms: <ul style="list-style-type: none"> - "GECOL tech. Specifications"; - "GECOL technical specifications data"; and - "GECOL specifications". 	Technical specification of GECOL Visit our website www.reaol.ly
6.	RFP		6	43		
7.	RFP		6	46		

8.	1	B2-18				
9.	1	B2-01		4		
10.	1	Form s				
11.	1	Form s A2-11		13	Please clarify what is meant by “the total number of local personnel required plus the minimum estimated person-months”.	It is clear
12.	1	Form s A2-16		24		
13.	1	Form s B1	2.2	28		
14.	1	Form s B1	2.8.6	30		
15.	1	Form s B1	2.8.7	30		
16.	1	Form s B1	2.8.10	30		
17.		Form s B1	3.3.6	32		
18.	1	Form s B1	3.4.3	33		
19.	1	Form s B1	3.4.5	33		
20.	1	Form s B1	3.4.6	33		
21.	1	Form s B1	3.4.16	34		
22.	1	Form s B1	4.12.18	34		

23.	1	Form s B1	4.3.3	35		
24.	1	Form s B1	5.2	36		
25.	1	Form s B1	5.3	36		
26.	1	Form s B1	5.4	36		
27.	1	Form s B1	5.5	36		
28.	1	Form s B1	5.6	37	.	
29.	1	Form s B1	5.7	37		
30.	1	Form s B1	5.8	37		
31.	1	Form s B1	5.11	37	.	
32.	1	Form s B2- 03		41	Please provide us with Annexes 1-4 under Form B2-03.	NOT mentioned in our RFP
33.					Grid Code not available	Visit reaol website
34.					Grid connection Agreement which party will provide	Visit reaol website
35.						
36.						
37.						
38.						
39.					Award contract , legal terms within the contract during award ? arbitration in which country ?	According to law of (563) of year 2007 "List of Administrative Contracts" قانون رقم 563 لائحة العقود الادارية
40.					Force mageure is included in the contract ?	
41.					Grid connection fee ? who carries the expense	It should be Included in the Project Budget

42.				Missing forms and all required form in excel format	Please clarify which excel sheet
43.				PV mounting specification, galvanization type if any , we should go for highest specs ? mininum specs required	Please use higher spec.
44.				training mentioned will be provided to local REOL and GECOL personal , training period ? type of traning provided , pls elaborate	Please provide your proposal according to your experience in this field
45.				Tax exempted or not / VAT ?	According to law of (563) of year 2007 "List of Administrative Contracts" قانون رقم 563 لائحة العقود الادارية
46.				Corporate income tax is it applicable ? exempted ?	According to law of (563) of year 2007 "List of Administrative Contracts" قانون رقم 563 لائحة العقود الادارية
47.				when will we receive intial inventory QTY AND SPECS that are required to remain in warehouse, minimum requirement, percentage?	
48.					
49.				JV Forms not available	You will find it in REAOL website
50.				Plant insurance, do you require insurance	
51.				Land permits, who will provide and in case the permits are delayed ? REOL will provide on their expense , pls confirm	REAOL
52.				When will we receive GECOL legality permits and what happen in case of delay, liablility on whom ?	All the legal permits you will get it on time
53.				Payment in libya or out of libya, payment terms ?	According to law of (563) of year 2007 "List of Administrative Contracts" قانون رقم 563 لائحة العقود الادارية
54.				Inverter Warrantty 25 years ? extended warranty needed seperatly ?	Yes , if possible
55.					

56.					can we use string inverters? if yes can we disregard the pv string combiner box and their subsequent monitoring and protection system?	Yes, you can, but the technical and economic benefits of this proposal should be clarified. It is depending on the technical point of you
57.					please provide the Libyan Grid Code	Visit www.reaol.ly
58.					All structure fixation to the ground methods are related to concrete bases, can we use the pile ramming method if the geotechnical study (after award) allows it?	Use the higher spec.
59.	RFP		7.3.1	34	first paragraph states that the system will be design to follow the sun's curve while the structure is explicitly stated as fixed, which is correct?	NOT mentioned in our RFP
60.	RFP		7.3.7	36		
61.	RFP		7.3.10	37	Can we use DC voltage higher than 1000Vdc for less losses?	Yes, you can
62.	RFP		Chapter 10			
63.	RFP	6.4 & 6.8	6	13 & 16	Codes and standards + Libya standards and local laws related To HSSE & Quality(if Applicable)	
64.	RFP	Point #2	6.4	13		
65.	RFP	6.1 & 6.3	6	12& 13		
66.	RFP	Point #11	2	6	Inspection & commissioning Criteria if they have a specific criteria	According to law of (563) of year 2007 "List of Administrative Contracts" قانون رقم 563 لائحة العقود الادارية
67.	RFP	3.1& 6.4 & 6.5.1	3 & 6	7&1 4&1 5		
68.	RFP	6.9.4	6	17		

69.	RFP	6.6 & 6.9.4	6	16 & 17	(If Applicable) ; We need the approved landfills plus the specialties companies regarding transferring and disposing the waste	We will provide it later
70.	RFP		4	8	We need the personal insurance requirements for personel? (Regarding first aid and site safety during the construction phase)	We will provide it later
71.	RFP		4	8		
72.	RFP	3.2	3	7	Project layouts/DWG_s including the current facilities	We will provide it later or you can get it during a site visit
73.					specific GECOL training requirements for I&C is missing from (chapter 11.2 Training Program)	Ok, Please add it.
74.			6.5.1	15		
75.					We need to provide us by NACE standard code.	
76.	RFP		6.9.4	17		
77.			6.9.5	18		
78.		A2-13			In section Do construction subcontractors need to be locals?Are there specific qualifications required for construction subcontractors?	No
79.					RFP requests prices are valid for 12 Months, but no definition of financial closure & contracting date, and start of project execution. This is quite important to avoid obsolete technology of proposed cargo	
80.					how is the technical and commercial proposals submitted for the three options ?	For each site should be separated
81.					can we submit alternative proposals in respect to optimising our technical specs further ?	
82.	RFP				tender security form and bank guarantee in envelope A , there is no specific amounts or instructions on if this is pre bid or after award , pls elaborate	According to law of (563) of year 2007 "List of Administrative Contracts" قانون رقم 563 لائحة العقود الادارية
90		TOR	5.4	11	A common grounding Grid between the PV Plant/PV substation and GECOL existing	Do with the common practice

					substation is not a common practice, please clarify the required methodology.	
91		TOR	5.2.1	10	Please confirm that electrical modifications necessary for interconnection are required in the remote end GECOL existing substation.	Yes, it is required
92		TOR	Chapter 1 and clause 8.2	1 & 41	There is a discrepancy between one of the PV substation options voltage levels mentioned in Chapter 1 page 1 and section 8.2 on page 14. Please clarify if the desired substation voltage levels are 11/66/220 kV or 11/220 kV?	The connection now is clear, it is according to the amendment1
93					Please clarify the GIS bus arrangement required for 11/30/66/220 KV voltage levels? Since GECOL standards are not submitted with the tender documents, please provide	According to GECOL specification. Now it is on REAOL website
94					There is no mention of the need to follow any local or international standards with regards to labour and social issues	
95					No description provided for the local context (Specific ecological studies needed, need for local content,...etc.)	
96					It is not clear what pre-construction environmental and social studies are needed, and to which standards (e.g: ESIA, EIA, scoped study,...etc)	Use one of the international standard
97					Section 6.6: "It is in the Tenderer's responsibility to follow the environmental requirements of the HSE" This point is unclear. What are the environmental requirements of HSE, and should they be	

					followed during the tendering process, or tendering and construction?	
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