

# ELECTRIC POWER CORPORATION

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27<sup>TH</sup> March 2018

To: BIDDERS

Subject: BIOMASS GASIFICATION PROJECT - SAM GEF 01/2018

Addendum No. 7

No	Question/ Query	Date Issued	EPC Responses	Addendum No
1	Analysis of different wood available in STEC farm as feed stock for planned Biomass Gasification Plant	12 <sup>th</sup> Mar 2018	Attached is Report by SROS of analysis of 9 species of trees abundant at the STEC plantation in Mulifanua to be used as feed stock for biomass gasification power plant.	1
2	EPC Generation Mix	12 <sup>th</sup> March 2018	Attached is power generation mix for Upolu and Savaii as of March 2018. Include in the generation mix for Upolu is planned Biomass Gasification Plant, which is this project. Annual production of 2 million kWh units is a forecast but bidder will determine this as part of their bid proposal.	1
3	Section 2 of Bid document	12 <sup>th</sup> March 2018	Here is SECTION 2 of bid that was not sent with rest of bid documents earlier	2
4	Single Line Diagram	12 <sup>th</sup> March 2018	Attached is Grid SLD showing where new Biomass plant will be connected. Biomass plant will be connected to LEFAGA 22KV FEEDER; this feeder originates from FIAGA DIESEL POWER STATION. EPC will build 22kv tee off from Lefaga Feeder to tie the biomass plant to Grid.	2
5	Details of EPC bank account to pay cost of bid	17 <sup>TH</sup> Mar. 2018	Attached is details of EPC bank account to wire payment of	3

	document to		cost of bid document.	
6	Clarification of bid requirements and additional information  Also submitting revised Bid Form in Section 4 of bid	18 <sup>th</sup> Mar. 2018	Refer to Section 3 of bid document with clarification of functional guarantees of biomass gasification plant.  Refer to Section 4 with revised Bid Form to be used	4
7	Topographic map of location of plant site`	18 <sup>th</sup> Mar 2018	Attached topo map of plant site showing coordinates	4
8	Standby generator and automatic transfer switch	18 <sup>th</sup> Mar 2018	Include installation of a new to generator complete automatic transfer switch to supply power to essential services of the plant if EPC feeder trips. Estimate size of standby generator is 150kw.	4
9	List of information and items to be provided in bid submission	18 <sup>th</sup> Mar 2018	Attached list of information to be included in bid submission	4
10	Change in scope of work in bid	20 <sup>th</sup> Mar 2018	Employer approved the following changes in scope of works in Biomass Project Bid <ul style="list-style-type: none"> <li>a) All rebuilding of access roads to project site is removed from biomass bid. Employer will handle road separately and not made part of this Bid.</li> <li>b) Employer will issue a separate local tender for the survey, clearing, leveling, compaction and grading of plant site and building security fence of site separately. Size of the land to locate the plant is 3 acres or 12,140 square meters.</li> <li>c) Water supply to the plant site will be connected to Samoa Water Authority water well closeby. Employer will issue a separate bid to extend the water line to project site. Contractor for biomass plant shall still supply and install a 0.5 million liters water storage tank in the plant. All roof rainwater will be collected into the tank. Contractor for biomass plant will also connect water line from SWA system to the water tank. Rest of water reticulation inside the plant will also be the responsibility of the Biomass contractor.</li> </ul> <p>Bid Section 6 and Section 4 with Price Schedule are</p>	5

			amended accordingly. Changes are tracked and highlighted for easy reference by bidders.	
11	Refer to attached list of questions	26 <sup>th</sup> Mar. 18	Refer to answers to all questions in same report. Also submitted again is report on analysis of wood for feedstock	6
12	Integration of plant to SCADA	27 <sup>th</sup> Mar. 18	Attached in Attachment 1 is discussion and requirements for integration of plant to the SCADA.	7

Please sign and return acknowledgement form.

Sincerely



Fonoti Perelini S. Perelini  
Project Manager  
Project Management Unit

Attachments

- Integration of plant to SCADA

Copy to:

- GM EPC
- Soteria, Secretary, Government Tender Board
- File

**ACKNOWLEDGEMENT FORM**

**Bid: SAM GEF 01/2018 – Design, Manufacture, Construction, Installation, Testing and Commissioning of a 750KW Biomass Gasification Power Station**

Bidder Name: \_\_\_\_\_

We confirm receiving this Addendum 7

Signed by: \_\_\_\_\_

Name of Authorized Person