

CLARIFICATIONS No:1 to TENDER DOSSIER

Contract Title: Supply of Generators - ReLaunch
Publication Reference: SIHHAT/2021/SUP/INT/03-BIS

DOC.: Document

ART: Article

DC: Draft Contract / c4c_contract_en

AICN: Additional information about the Contract Notice / a5f_additional_information_contract_notice_en

TS: Annex II + III: Technical Specifications + Technical Offer / c4f_annexiitechspeciitechoffer_en

Further to the requests received from the tenderers, the following clarifications are provided.

DOC.	ART./ ITEM / LOT	CLAUSE	QUESTION / REQUEST	ANSWER
AICN	16/3.a.	The tenderer has delivered supplies under at most 2 (two) contracts for supply of generator with a budget of at least one-half (½) of its financial offer.	As technical capacity, we want generator work completion at the rate of at least half of the bid price to be treated as electrical work completion, because it will increase competition for your institution and prevent you from receiving services from a limited environment.	It will remain as it was stated in AICN
TS	Counter Statement	Diesel generator sets must be produced by a manufacturer that has ISO 9001 quality assurance certificate. Compliance with IEC 60034/1, ISO 3046, and CE standards must be certified. Technical documents or supporting documents must demonstrate that the product is manufactured following IEC 60034/1, ISO 3046 Standards, and CE.	For ISO 3046 certificate, it should be sufficient to undertake compliance with these standards by the manufacturer. Because other ISO certificates also cover this document.	It will remain as it was stated in Counter Statement part of TS. The tenderer may submit documents showing that the Generator set has been assembled or mounted in accordance with the standards related in this item (IEC 60034/1, ISO 3046 and CE).
TS	Counter Statement	Diesel generator sets must be produced by a manufacturer that has ISO 9001 quality assurance certificate. Compliance with IEC 60034/1, ISO 3046, and CE standards must be certified. Technical documents or supporting documents must demonstrate that the product is manufactured following IEC 60034/1, ISO 3046 Standards, and CE.	Technical documents or supporting documents must show that the product has been manufactured in accordance with IEC 60034/ 1, ISO 3046 Standards and CE. IEC 60034/1 and ISO 3046 documents of generator manufacturers are not available regarding the article. Alternator manufacturers produce their products in accordance with IEC 60034/1 and declare it	Please see Answer No:2

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			<p>on their catalogs. Engine manufacturers also produce their products in accordance with the ISO3046 standard and declare it on their catalogs.</p> <p>IEC 60034/ 1 and ISO3046 conformity documents do not have documents other than company declarations of conformity. For this reason, the manufacturer's catalogs of these documents should be considered as documents.</p>	
TS	1.1.1./1.1.1.8.	Fuel consumption at full load must be 7,3 lt/h for 30 kVA, 15 lt/h for 65 kVA, 23 lt/h for 100 kVA, and 34 lt/h for 150 kVA at prime power at most.	Fuel consumption is too low for the specified powers. We think that an error has been made in the primary power calculation. It must be at least for 35kVA 9.3 lt, for 65kVA 19.6 lt, 100kVA 29.7 lt, 150kVA 41.9 lt.	It will remain as it was stated in TS.
TS	1.2. / 1.2.6.3.	It must allow adjusting the alternator outlet voltage by $\pm 10\%$.	<p>In our alternators, the output voltage can be adjusted via the alternator. If it is requested that this setting can also be made via the generator control panel, it should be explicitly added to the specification.</p> <p>We request that the article be changed as follows:</p> <p>It must allow adjusting the alternator outlet voltage by $\pm 10\%$. There will be a voltage adjustment potentiometer on the automatic control panel.</p>	It will remain as it was stated in TS.
TS	1.2. / 1.2.6.4.	The voltage regulator must be an automatic and numerical type that operates in line with the V/Hz principle. The voltage regulator must sense three phases and if the load is stable, the voltage regulation must be less than $\pm 5\%$; and less than $\pm 2\%$ during the transition to the unloaded state. The regulator must have over-voltage protection.	<p>In voltage regulators of alternators with powers of 500 kVA and below, monitoring is done over 1 phase as standard. Due to the high cost of 3-phase monitoring regulators, it is not effective for power demands in the 30-150 kVA range. Demanded voltage regulation and stability can also be done by monitoring 1 phase.</p> <p>We request that the article be changed as follows:</p> <p>The voltage regulator must be an automatic and numerical type that</p>	It will remain as it was stated in TS.

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			operates in line with the V/Hz principle. The voltage regulator must sense one phases and if the load is stable, the voltage regulation must be less than $\pm 5\%$; and less than $\pm 2\%$ during the transition to the unloaded state. The regulator must have over-voltage protection. The supply voltage of lite voltage regulator will be provided from auxiliary widi11g wound on tlie stator wbtdings of tltte alternator.	
TS	1.2. / 1.2.6.8.	Circuit Breakers must be available on generator outlets and top of generators for 30 kVA, 65 kVA, 100 kVA, and 150 kVA. These Circuit Breakers must be adjustable and have optimum value for the capacity of all generators. Power outlet shall be ensured through the Circuit Breaker. Breakers that are used must be TSI certified.	TSE certificate is required for the switches to be used. TSE certificates are not available for imported alternators preferred in our country. TSE or CE certificate should be requested here.	Please see Corrigendum to Tender Dossier No:2
TS	1.15/ 1.15.1.	Tenderers must be the official manufacturing or importing companies of the generator diesel engines and alternators, and must document these in tender dossiers.	Bidders are not only generator manufacturers and importers, but also electricity companies can bid for this job. This will increase competition for the institution and will benefit the institution.	It will remain as it was stated in TS.
DC and ITT	1.1. to the points at the provinces of Turkey (please refer to the Appendix-A, delivery points list and quantities), within 120 (onehundredtwenty) calendar days.....	It has been stated that the product delivery period regarding the Supply of Generator tender is 120 days. However, we anticipate that the generator engines and alternators with the desired characteristics cannot be delivered within 120 days, considering the procurement from abroad and the customs processes. If possible, we would like to inform you that the product delivery and assembly time specified in the specification is corrected as a minimum of 210 days.	Please see Corrigendum to Tender Dossier No:2