

TECHNICAL REQUIREMENTS/SPECIFICATION

(Section A - DIESEL GENERATOR SPECIFICATION)

Sr.#	Category	Criteria	Compliance
1.	DG Set Coupling Engine and Alternator must be imported in coupled form and load tested at manufacturer's works abroad, complying ISO 8528 standard. Undertaking/Documentary Evidence should be provided. Manufactured in 2023 or later. Copies of factory load test reports for the offered serial number must be submitted at time of billing.	ISO 8528	Complied
		2023 or later	Complied
2.	Spare Parts At least 5 years' availability of original genuine spares Undertaking from the generator agent testifying the availability of sizeable inventory of original consumable, support parts, overhauling and other spare parts for at least five years. Bank reserves the right to inspect and verify the above inventory	Undertaking	Complied
3.	Service Network Evidence that generator agent has their own support offices, work shop in Multan/Peshawar/Islamabad/Rawalpindi	Workshop in Multan/Peshawar/Islamabad or Rawalpindi	Complied
4.	Capacity At least 60KVA prime rating at 50°C Ambient temperature. Brochure or data sheet clearly stating capacity, prime capacity and standards being complied with.	Prime Rating at 50 C	Complied
5.	Fuel consumption Not more than 11 liters per hour at 75% load for 60KVA DG set at prime rating Brochure or data sheet clearly stating fuel consumptions and standards being complied with calculation based on fuel (0.85 specific gravity) available in Pakistan	Fuel Consumption <11 liters	Complied
6.	Alternator Compliant with IEC 60034, BS 4999-5000 international standards. a. Brochure or data sheet clearly stating specifications of the alternator being used and standards being complied with. b. Power Factor @ Full Load 0.8. c. Voltage Regulation +/- 1%, Excitation = Self-Excited, d. Insulation = Class-H, IP-23 or above Make : 2023 or later	IEC 60034 BS 4999-5000	Leory Somer LSA42.3L9
		Brochure	Complied
		Power Factor	Complied
		Voltage Regulation	Complied
		Insulation Class	Complied
7.	Engine Compliant with ISO 3046, BS 5514 international standards. a. Brochure or data sheet clearly stating specifications of the engine being used and standards being complied with. b. Governor = Electronic, Governing c. Air & water cooled radiating system, Make: 2023 or later	Engine	Cummins 4BTA3.9G2
		Brochure	Complied
		Governor Type	Complied
		Air & Water Cooled Radiator	Complied

IBF No. Reference No: ED/102898/E&M-Projects-2024-25
 Title: Replacement of 60 KVA DG set at SBP BSC DI KHAN

8.	Canopy Sound proof/weatherproof attenuated canopy (local/imported make) with sound level of Up to 80 dBA @ 2m with 5-7m clearance required around the canopy complete in all respect as per ISO standards. a. Brochure or data sheet clearly stating the required specifications.	Less than 80 dBA @ 2m	Complied
9.	Built-In Fuel tank capacity Not less than 150 liters' capacity or minimum 8 hours' operation at 75% rated load a. Brochure or data sheet clearly stating the required specifications	Fuel Capacity	254 Liters
10.	Warranty At least 12 months from date of commissioning or 18 months from date of delivery at site, whichever comes earlier		OK

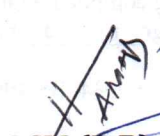
Recommendations
On the basis of conformity with the pre-defined technical requirements in the bidding documents, Evaluation Committee declares proposals of <u>MECATECH</u> compliant. <i>Dot 1st</i>

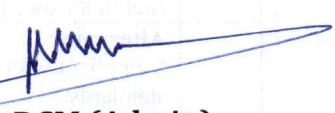
Evaluation Committee:


ACM (GSU)
 Member


ACM (IMU)
 Member


ACM (BKG)
 Member


ACM (P.B)
 Member


DCM (Admin)
 Chair Person

TECHNICAL BID EVALUATION CRITERIA

(SCHEDULE-B TO BID)

	CATEGORY	COMPLIANCE
1	Bid is un-conditional, conditional bids B2:B11shall be rejected.	COMPLIED
2	Duly filled and signed Form of Bid.	COMPLIED
3	Bid Security is required as per clause IB-13.1. Bid Security in Original is to be attached with Technical Proposal.	COMPLIED
4	a. Name of Company b. Company Legal Status: (Tick Anyone and provide relevant documents) In case of Individual / Sole Proprietor Copy of CNIC Affidavit that firm is individual / Sole proprietor In case of Associated of Persons (AOP) Partnership Deed Any other relevant Document No. of Partners Nos. of partners along with CNIC In case of (Pvt.) limited Copy of Article of Association / Memorandum Form 29 Form A Nos of Directors along with copy of CNIC c. Contact details, Telephone Mobile No. fax numbers(if any) email address (if any) a) Postal Address	COMPLIED
5	Affidavit on non-judicial stamp paper of not being blacklisted declared ineligible or debarred by any organization department for corrupt or fraudulent practices.	COMPLIED
6	Bidder shall be held non-responsive if Bidder's name is found in Schedule-IV (https://nacta.gov.pk/proscribed-persons-2/) and list of organizations / Splinter Outfits https://nacta.gov.pk/proscribed-organizations/ notified by National Counter Terrorism Authority NACTA Pakistan.	COMPLIED
7	The Bidder should also be registered with relevant / concerned Revenue Authority. If not registered, the 100% tax shall be deducted at source as per applicable law and credited to relevant account.	COMPLIED
8	Bidder must be registered with FBR in Income Tax and must active taxpayer as per Federal Board of Revenue (FBR's) revenue Data base i-e Active Tax Payer List (NTN & GST).	COMPLIED

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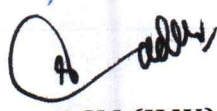
9	Valid registration with Pakistan Engineering Council at least in Category C-6 or above with specialized categories of ME-03 & EE-04.	COMPLIED
10	Minimum available Liquid assets of Rs.2.0 Million (Bank statements up to three months prior to the date of bid submission to be submitted as evidence showing required balance at any one instant or available Bank Credit Line facility during same period)	COMPLIED
11	The bidder must have completed two (02) projects of supply & installation of at least 50kVA Generator of minimum project value of Rs.5 Million each during last 05 years. (Copies of appropriate evidence must be furnished) .	COMPLIED
12	The bidder must be an Original Equipment Manufacturer (OEM) or OEM authorized agent in Pakistan and must possess valid OEM authorization letter for at least past 05 years. Documentary evidence must be attached with the bid.	COMPLIED
13	Technical Compliance of offered equipment with Annexure A – Minimum Technical Requirements/Specification The offered equipment must technically comply with standards and requirements mentioned in Section A of Annexure A, The bidders shall submit the technical brochure of the offered equipment and accessories.	COMPLIED
14	Acceptance of the Proposed Work Program as given in Schedule-E to Bid or submission of Work Program proposed by the bidder within overall project duration as mentioned in the Contract data.	COMPLIED
15	Evidence that the offered generator OEM authorized agent has support offices/ work shop in Multan/ Peshawar/ Islamabad/ Rawalpindi.	COMPLIED

Recommendations

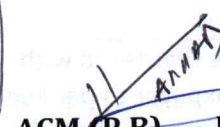
On the basis of conformity with the pre-defined minimum Eligibility/Qualification criteria requirements in the bidding documents, Evaluation Committee declares MECATECH PVT LTD eligible.

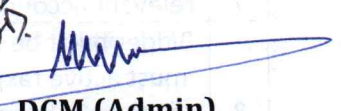
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Chair Person