

## CORRIGENDUM 1

The Pre-Bid Meeting was held on 30/07/2019 at 3.30 p.m. in the Board Room, NITK Surathkal for the purchase of equipment “**500 KVA 3 Phase Diesel Generator with AMF Panel**”, Tender Notification No: **NITK/CRF/3PH-GEN/04 dated 09/07/2019**. The following queries were discussed & the Reply/Clarification given to the prospective bidders.

### List of Participants present during the Pre-bid meeting

Name of the vender	Name of Representatives
ESCON Gensets Pvt., Ltd., Bengaluru.	Mr. Nagaraj K,
Creative Diesel Service & Consultancy, Mangaluru.	Mr.Kiran Shetty
Greaves Cotton Ltd.	Mr. Shridhar Mr.Jayaraj

### Queries & Reply/Clarification

Sl. No.	Queries submitted in writing by (Vender Name)	Queries	Reply/Clarification
	<b>Mantech Engineers</b> No.48/B, 11th Cross Road, 1st Block, Rajajinagar, Bengaluru - 560 010	1. Brand Name: We are supplying Perkins Engine with Leroy somer alternator.	Please refer tender document & specification
		2. Required SLD of AMF panel	SLD of AMF panel should be submitted along with technical specification.
		3. Erection Items	
		a. Civil work for foundation of DG bed and structural foundation for Exhaust pipe is in our scope or your scope.	Please refer tender document <b>Annexure-H</b> , under <b>Detailed Technical Specifications, Page No. 34</b> under <b>Scope of work Point No. (g)</b> .
		b. Exhaust pipe quantity	Approximately 15m.

		c. Quantity of GI Strip and Copper Strip for earthing connection	Please refer tender document <b>Annexure-H</b> under <b>Detailed technical specifications, Page No. 31 point No. 4.8</b>
		4. We have not registered with KPWD, we have class 1 Electrical contractor License issued by Government of Karnataka for your immediate reference copy is enclosed.	Please refer tender document <b>Page No. 37, Annexure-I, MINIMUM BIDDER ELIGIBILITY CRITERIA FOR QUALIFYING TECHNICAL BID</b>
		5. We have not registered ESI & EPF, we are utilizing Employee Compensation Policy for every site. For your reference copy is enclosed.	Please refer tender document <b>Page No. 37, Annexure-I, MINIMUM BIDDER ELIGIBILITY CRITERIA FOR QUALIFYING TECHNICAL</b>
		6. We are not a manufacturer, we are authorized dealer. We will submit our manufacturer authorization letter with the tender.	Please refer tender document <b>Page No. 37, Annexure-I, MINIMUM BIDDER ELIGIBILITY CRITERIA FOR QUALIFYING TECHNICAL</b>
	ESCON Gensets Pvt., Ltd., Bengaluru.	<p><b>1. <u>Page No. 10, sec -2 Point 3.</u></b></p> <p>GST exemption not applicable for DG sets. Please submit any certificate which will to be verified from our auditor and upon their written opinion GST exemption can be considered.</p>	Additional document, if any required will be provided along with purchase order at appropriate time.
		<p><b><u>Point No. 6:</u></b></p> <p>Advance payment:  Since this a capital equipment and quite a big amt is invested, payment 80% of DG set and AMF Panel and balance after installation and commissioning can be considered. Balance 20 % can be released after successful commissioning and getting CEA approvals, after submitting 10% Bank Guarantee as per your tender.</p>	No advance payment as per GFR rules.
		<p><b>2. Comprehensive warranty for 2 years and subsequent AMC for 3 Years. Separately Comprehensive Annual maintenance charges are asked. Please Clarify what has to be considered. Either AMC OR CMAC?</b></p>	<b>Please read everywhere 2 years comprehensive warranty and 3 years comprehensive AMC after warranty period.</b>

		<p><b>Page -27</b></p> <p>3. Fuel tank capacity 990 Lts. At present We are providing 700 Lts capacity, and this has been approved by CPCB. Hence 990 Lts fuel tank capacity may not be possible.</p>	Please refer tender document <b>Annexure-H</b> under <b>Detailed technical specifications, Page No. 27</b> under <b>Engine rating Point No. (vi)</b>
		<p>4. Scope of Installation not clear WRT to length of Cable and height of Exhaust piping.</p>	Please refer tender document <b>Annexure-H</b> under <b>Detailed technical specifications, Page No. 34, Point No. 7.2.1</b>
		<p><b>Page -35</b></p> <p>5. Testing of DG set: how many hrs. of testing required. What percentage of load?</p>	<p>Testing of DG sets:</p> <p><b>In Factory: 11hrs – 100%</b> <b>1hrs – 110%</b></p> <p><b>In Site: 120hrs / 15days</b> <b>8hrs / day</b></p>
		<p>6. EMD “Can we provide bank Guarantee?”</p>	As per the format, permitted.
		<p>7. Civil foundation work is not mentioned. Should we include OR will be done by other agency?</p>	Please refer tender document, <b>Annexure-H</b> under <b>Detailed technical specifications, Page No. 34 under Scope of work Point No. (g)</b>
		<p>8. Civil works like cable trench digging, OR providing cable trays are not in the scope. Please clarify.</p>	Cable trench is already available in NITK and providing cable trays are not required.
	MILTON RODRIGUES M/s Power Engineering (India ) Pvt Ltd, Goa	<p>1. In Engine rating you have mentioned PF of 0.9 lag, but In Scope of work the Pf is 0.8 for design of Genset. At 0.9 power factor derating will be applicable hence higher capacity has to be, supplied. Request you to kindly confirm on the power factor, if the same is to be considered as 0.8 lag or 0.9 lag.</p>	<b>Annexure-H</b> , under <b>engine rating</b> , 2 paragraphs please read <b>“PF of 0.9 lag”</b> as <b>“PF OF 0.8”</b> . Remaining condition as presented in the bid document.

		<p>2. Necessary flexible coupling and guard for alternator and engine--Engine and alternator will be directly coupled.</p> <p>3. Pure lead thin tin plate batteries---- Battery shall be standard Lead Acid Ge per 1S7372.</p> <p>4. Exhaust piping wrapped with mineral wool/rock wool complete with aluminum cladding--exhaust pipe inside the DG enclosure shall be covered with ceramic cloth.</p> <p>5. Heavy Duty Radiator, radiator fan, and mounting-std radiator as per engine supply scope.</p> <p>6. Genset should be supplied with medium duty air cleaners. — air filters will be standard as per engine supply scope.</p> <p>7. Grease Lubrication arrangement---- alternator is permanently seal pre-lubricated type-- no re-greasing provision</p> <p>8. Standards-Clause 4.5 page 30 — alternator shall conform to BS EN60034 and the relevant section of other international standards such as BS5000, VDE 0530, NEMA MG1-32, IEC34, CSAC 22.2 100, AS1359.</p>	<p>The purchasing committee has decided to go according to the tender document</p>
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**Following points to be included in the corrigendum 1:**

- Under Annexure-H, Page No. 31/39, Under AMF/Engine Control Panel, “800 Amps (AC-3 rating) power contactor for 3 phases and suitable rating (AC-3 rating) power contactor for neutral for main and alternator etc. - 2 sets” is replaced by “400 Amps (35KA) & 600 Amps (35KA), MCCB with door handle for outgoing connection”.
- Please consider Revised ANNEXURE “J” - Checklist for BIDDERS.

**Checklist for BIDDERS**

BIDDERS to indicate whether the following are enclosed/mentioned by striking out the non- relevant option and the relevant technical bid documents should be in order.

Sl. No.	Documents	Content	Document Attached
1	<b>Technical Bid</b>	Self-Attested copy of GST & PAN Number	(Yes /No) Pg. No.
2		Licence certificate for manufacture /supply of the item & Factory license. Registration with EPF and ESI	(Yes /No) Pg. No.
3		Undertaking that the successful BIDDER agrees to give a 10% Performance Security.	(Yes /No) Pg. No.
4		Catalogue of the Product with detailed product specifications.	(Yes /No) Pg. No.
5		Copy of Balance Sheet	(Yes /No) Pg. No.
6		List of Owner/partners of the firm and their contact numbers (Bidder Information)	(Yes /No) Pg. No.
7		Contract form given in section 5	(Yes /No) Pg. No.
8		Format of compliance statement of specification as per <b>Annexure-'A'</b>	(Yes /No) Pg. No.
9		Previous Supply Order as per <b>Annexure-'B'</b>	(Yes /No) Pg. No.
10		Declaration of abandoned or suspended any awarded service & Blacklist Certificate. <b>Annexure 'C'</b>	(Yes /No) Pg. No.
11		Integrity Pact. <b>Annexure 'D'</b>	(Yes /No) Pg. No.
12		Bank details of the bidder. <b>Annexure 'E'</b>	(Yes /No) Pg. No.
13		EARNEST MONEY DEPOSIT <b>Annexure -G</b> <b>In case of exemption from submission of EMD, proof of registration with NSIC/MSME</b>	(Yes /No) Pg. No.
14		Minimum Bidder Eligibility Criteria for Qualifying Technical Bid <b>Annexure 'I'</b>	(Yes /No) Pg. No.
1	<b>Financial-Bid</b>	Price bid	( Yes /No )

Seal and Signature of the bidder

It is decided to extend the Bid submission date by four weeks after displaying corrigendum 1

**Last date for Bid submission : 05/09/2019 on or before 3 p.m**

**Bid opening date(tentative) : 09/09/2019 at @ 3 p.m.**

Sd/-  
Buyer

Sd/-  
Chairman  
Central Research Facility  
NITK, Surathkal.