

Bid Document

Bid Details	
Bid End Date/Time	20-07-2020 14:00:00
Bid Opening Date/Time	20-07-2020 14:30:00
Bid Life Cycle (From Publish Date)	90 (Days)
Bid Offer Validity (From End Date)	30 (Days)
Ministry/State Name	Chhattisgarh
Department Name	Public Works Department Chhattisgarh
Organisation Name	N/a
Office Name	E-in-c, Pwd, Nirman Bhawan Raipur
Total Quantity	1
Item Category	diesel generators- DG Sets (PAC Only)
MSE Exemption for Years of Experience and Turnover	No
Startup Exemption for Years of Experience and Turnover	No
Bid to RA enabled	No
Inspection Required	No

EMD Detail

Required	No
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ePBG Detail

Required	No
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Splitting

Bid splitting not applied.

Diesel Generators- DG Sets (1 pieces) (Under PAC)

Make	koelgreen
Model	koelgreenkg1-125ws3

Technical Specifications

[* As per GeM Category Specification](#)

Specification	Specification Name	Values	Bid Requirement (Allowed Values)
OUTPUT CAPACITY RATING/ PHASE	Nominal Rated Capacity (KVA)	125	125, 160, 180, 200, 250, 320, 380, 400, 500, 600, 750, 140 Or higher
	No of Phase	Three Phase	Three Phase
ENGINE	Make of Engine	KOEL GREEN/KIRLOSKAR	*
	Model Number of Engine	4k1080TAG2	*
	Capacity of Engine (cc)	4320	*
	Engine Power (kWm)	114.7	*
	ISI Marking to IS :10001 for engine	No	*
	BIS license No, if applicable	NA	*
	Type of Engine cooling	Liquid Cooled	Liquid Cooled
	Type of governer	Electronic	Electronic Or higher
	Class of governer	A1	A0, A1 Or higher
	Number of cylinders (nos)	4	*
	No of Strokes (nos)	4	*
	Rated RPM of Engine (RPM)	1500	1500
	Overload capacity for one hour for every 11 hours continuous running at full load (%)	10	*
	Specific Fuel Consumption (gm/kWh)	201.86	*
	Starting voltage (volt)	24	*
ALTERNATOR	AC GENERATOR(ALTERNATOR) Make	KOEL GREEN/KIRLOSKAR	*
	AC GENERATOR(ALTERNATOR) model Number	KOEL GREEN/KIRLOSKAR	*
	Rating of AC Generator (KVA)	125	*
	Power Factor of AC generator	0.8	*

	Efficiency at rated Power factor at 75% of full Load	93.16	*
	Compliance of Alternator to IS:13364(part-1)	Yes	*
	Type of alternator	Brushless	*
	Voltage Regulation Grade	VG 3	*
	Alternator IP Rating	IP 23	*
	Class of Insulation	H	*
CONTROL PANEL	Control Panel	AMF	AMF
	IP Rating of Control Panel	IP 53	*
ACOUSTIC ENCLOSURE	Sheet Thickness	1.6	1.6, 1.8, 2 Or higher
	Thickness of Foam	50	*
	Density of Foam for sound insulation	28	*
	Noise level at 1 meter (dB)	75	*
BATTERY	Battery Type & Specification	Low Maintenance free to IS: 14257 for high cranking performance	*
	Battery capacity (Ah)	150	*
	No of batteries	2	*
TEST REPORTS	Availability of Type test report for Engine from Central govt/NABL/ILAC accredited laboratory	Yes	*
	Test Report number and date(Engine)	F-112, 23.03.14	*
	Name and address of laboratory(Engine)	ARAI PUNE	*
	Availability of Type test report for Alternator from Central government/NABL/ILAC accredited laboratory	Yes	*
	Test Report number and date(Alternator)	RP-407, 28.03.15	*
	Name and address of laboratory(Alternator)	ERDA, VADODARA	*
	DG set meet requirements of Environmental(Protection) Rules 1986, in respect	Yes	*

	of noise and emission norms, as described in STC		
WARRANTY / INSTALLATION & COMMISSIONING	Warranty	2	2.0
	Installation & Commissioning	With Installation	With Installation
	Agreed to STC of the Product	Yes	*

* Specifications highlighted in bold are the Golden Parameters.

* Bidders may note that In respect of non-golden Parameters, the specifications 'Values' chosen by Buyer will generally be preferred over 'Bid requirement (allowed Values) by the Buyer.

Additional Specification Documents

Consignees/Reporting Officer and Quantity

S.No.	Consignee/Reporting Officer	Address	Quantity	Delivery Days
1	Sandhya Banjare	491001,O/o Executive Engineer, PWD (E&M) Division, durg	1	30

Special terms and conditions for category diesel generators- DG Sets

1. In addition to General Terms and Conditions of GeM, Special T&C shall be applicable for Diesel Generating Set/DG Set. [click here to view the Special terms and conditions.](#)

Bid Specific Additional Terms and Conditions

1. Availability of Service Centres: Bidder/OEM must have a Functional Service Centre in the State of each Consignee's Location in case of carry-in warranty. (Not applicable in case of goods having on-site warranty). If service center is not already there at the time of bidding, successful bidder / OEM shall have to establish one within 30 days of award of contract. Payment shall be released only after submission of documentary evidence of having Functional Service Centre.
2. Dedicated /toll Free Telephone No. for Service Support : BIDDER/OEM must have Dedicated/toll Free Telephone No. for Service Support.
3. Escalation Matrix For Service Support : Bidder/OEM must provide Escalation Matrix of Telephone Numbers for Service Support.
4. Warranty period of the supplied products shall be 2 years from the date of final acceptance of goods or after completion of installation, commissioning & testing of goods (if included in the scope of supply), at consignee location. OEM Warranty certificates must be submitted by Successful Bidder at the time of delivery of Goods. The seller should guarantee the rectification of goods in case of any break down during the guarantee period. Seller should have well established Installation, Commissioning, Training, Troubleshooting and Maintenance Service group in INDIA for attending the after sales service. Details of Service Centres near consignee destinations are to be uploaded along with the bid

[This Bid is also governed by the General Terms and Conditions](#)

---Thank You---