

अनुबंध | Contract



अनुबंध क्रमांक | Contract No: GEMC-511687765356351

अनुबंध तिथि | Generated Date : 15-Apr-2024

बोली/आरए/पीबीपी संख्या | Bid/RA/PBP No.: [GEM/2024/B/4675464](#)

संगठन विवरण Organisation Details		खरीदार विवरण Buyer Details				
प्ररूप Type :	Central Autonomous	पद Designation :	Assistant Director			
मंत्रालय Ministry :	Ministry of Commerce and Industry	संपर्क नंबर Contact No. :	-			
विभाग Department :	Department for Promotion of Industry & Internal Trade	ईमेल आईडी Email ID :	buyer1.qcin.dl@gembuyer.in			
संगठन का नाम Organisation Name :	Quality Council of India	जीएसटीआईएन GSTIN :	07AAATQ0055D1Z0			
कार्यालय क्षेत्र Office Zone:	Delhi	पता Address :	2nd floor, institution of engineers, bahadur shah zafar marg, CENTRAL DELHI, DELHI-110002, India			
वित्तीय स्वीकृति विवरण Financial Approval Detail		भुगतान प्राधिकरण विवरण Paying Authority Details				
आईएफडी सहमति IFD Concurrence :	No	Role:	PAO			
प्रशासनिक अनुमोदन का पदनाम Designation of Administrative Approval:	Secretary General	भुगतान का तरीका Payment Mode:	Offline			
वित्तीय अनुमोदन का पदनाम Designation of Financial Approval :	Secretary General	पद Designation :	Senior Executive Assistant			
		ईमेल आईडी Email ID :	ddo1.qcin.dl@gembuyer.in			
		जीएसटीआईएन GSTIN :	-			
		पता Address:	2nd floor, institution of engineers, bahadur shah zafar marg, Central Delhi, DELHI-110002, India			
विक्रेता विवरण Seller Details						
जेम विक्रेता आईडी GeM Seller ID :	2C95180000099842					
कंपनी का नाम Company Name :	Electro Equipments					
संपर्क नंबर Contact No. :	09997722774					
ईमेल आईडी Email ID :	manish@electroequipments.com					
पता Address :	21-23, BHAGWANPUR, RAIPUR SAHKARI AUDYOGIC KSHETRA, ROORKEE, HARDWAR, UTTARAKHAND-247667, -					
एमआईआई स्थिति MII Status :	True					
एमएसएमई सत्यापित MSME verified :	Yes					
एमएसएमई पंजीकरण संख्या MSME Registration number :	UDYAM-UK-06-0003663					
एमएसई सामाजिक श्रेणी MSE Social Category :	General					
एमएसई लिंग श्रेणी MSE Gender :	Male					
जीएसटीआईएन GSTIN:	05AACFE1653M2ZH (B) , (R)					
*जिसके नाम के पक्ष में GST/TAX इनवॉइस पेश किया जाएगा GST / Tax invoice to be raised in the name of - Buyer						
वितरण निर्देश Delivery Instructions : NA						
उत्पाद विवरण Product Details						
#	आइटम विवरण Item Description	आइटम विवरण Ordered Quantity	इकाई Unit	इकाई मूल्य (INR) Unit Price (INR)	कर विभाजन (INR) Tax Bifurcation (INR)	मूल्य (INR में सभी शुल्क और कर सहित) Price (Inclusive of all Duties and Taxes in INR)
1	उत्पाद का नाम Product Name : Koel Green Electro Power Generator- DG set of 250 AMF Control Panel ब्रांड Brand : Koel Green Electro ब्रांड प्रकार Brand Type : Registered Brand कैटलॉग की स्थिति Catalogue Status: OEM verified catalogue कैसे बेचा जा रहा है Selling As : OEM श्रेणी का नाम और चतुर्थांश Category Name & Quadrant : Power Generator - DG Set (up to 900 KVA) (Q2) मॉडल Model: 250 kVA DG with Foundation & Cable Only एचएसएन कोड HSN Code: HSN not specified by seller	1	pieces	3,159,000	NA	3,159,000
2	उत्पाद का नाम Product Name : ICT charges for Power Generator - DG Set (up to 900 KVA) ब्रांड Brand : NA ब्रांड प्रकार Brand Type : Unbranded कैटलॉग की स्थिति Catalogue Status: Catalogue not verified by OEM कैसे बेचा जा रहा है Selling As : Reseller not verified by OEM श्रेणी का नाम और चतुर्थांश Category Name & Quadrant : Addon Services for bid (Q3) मॉडल Model: ICT एचएसएन कोड HSN Code: HSN not specified by seller	1	pieces	315,900	NA	315,900
कुल ऑर्डर मूल्य Total Order Value (in INR)						3,474,900

प्रेषिती विवरण Consignee Detail						
क्र.सं. S.No	प्रेषिती Consignee	वस्तु Item	लॉट नंबर Lot No.	मात्रा Quantity	दिनांक के बाद डिलीवरी शुरू करना है Delivery Start After	वितरण पूरा कब तक करना है Delivery To Be Completed By
1	पद Designation :- ईमेल आईडी Email ID : pao1.qcin.dl@gembuyer.in संपर्क Contact : 011-23378056- जीएसटीआईएन GSTIN :- पता Address : 2nd floor, institution of engineers, bahadur shah zafar marg, CENTRAL DELHI, DELHI-110002, India	Koel Green Electro Power Generator- DG set of 250 AMF Control Panel	-	1	15-Apr-2024	15-May-2024
Product Specification for Koel Green Electro Power Generator- DG set of 250 AMF Control Panel						
विनिर्देश Specification	उप-विनिर्देश Sub-Spec	मूल्य Value				
Power Generator INSTALLATION CONFIGURATIONS	Power Generator installation configurations as defined in CPWD General Specifications for Electrical works - Part VII (DG Set)	Fixed (Power Generators are permanently installed)"				
OUTPUT CAPACITY RATING/ PHASE	Nominal Rated Capacity (kVA)	250				
	No of Phase (Single Phase-3-5kVA) (Single Phase or Three Phase-5 & 7-5, 10,15, 20, 25, 30 & 40 kVA) (Three Phase-50 to 900 kVA)	Three Phase				
ENGINE	Make of Engine	KIRLOSKAR/KOEL GREEN				
	Model Number of Engine	6SL90ETA4G2				
	Capacity of Engine (cc)	8860				
	Rated Engine Power (kWm)	100 % of the required powered at STP(Standard Temperature Pressure) i.e equal to (Nominal Rated Capacity (KVA) of power generator + Any Auxilary power Consumption by the Power generator) x Power factor(0.8) / Alternator effience				
	Type of Engine cooling	Liquid Cooled				
	Type of governer	Electronic				
	Number of cylinders (nos)	6				
	No of Strokes (nos)	4				
	Rated RPM of Engine (RPM)	1500				
	Fuel	High Speed Diesel (HSD)				
	Overload capacity	Engine is capable of delivering an output of 10% in excess of rated KVA for a period of one hour in any period of 12 hours continous running				
	Specific Fuel Consumption (gm/kWh)	200 to 265				
	Starting voltage (volt)	24				
	Salient Features of Engine	Turbo Charged Engine,Direct injection Fuel System,CRDi Fuel System				
	Class of governer	A2 or better				
	"Maximum Change of Speed as a Percentage of Rated Speed on suddenly taking-off the rated	15				

GOVERNING CLASS	load(Transient) "	
	"Maximum Recovery Time in Seconds on suddenly taking-off the rated load(Transient) "	15 second
	Maximum Change of Speed as a Percentage of Rated Speed on suddenly taking-off the rated load(Permanent)	5
	"Maximum Change of Speed as a Percentage of Rated Speed On a change of load, both on and off, by all steps of 25 percent of the rated load (Transient) "	4
	"Maximum Recovery Time in Seconds on a change of load, both on and off, by all steps of 25 percent of the rated load(Transient) "	5 second
ALTERNATOR	"Maximum Change of Speed as a Percentage of Rated Speed On a change of load, both on and off, by all steps of 25 percent of the rated load (Permanent)	1.5
	AC GENERATOR (ALTERNATOR) Make	KIRLOSKAR/KOEL GREEN
	AC GENERATOR (ALTERNATOR) model Number	KIRLOSKAR/KOEL GREEN
	Alternator Voltage Rating	415 Volt
	Rating of AC Generator (KVA)	250
	Power Factor of AC generator	0.8
	Efficiency at rated Power factor at 75% of full Load	94 percent
	Conformity to Indian Standard (for Alternator)	Generally conforming to IS:13364 (Part-2) latest (Above 20 KVA)
	Type of alternator	Brushless
	Voltage Regulation Grade	VG 3
	Alternator IP Rating	IP 23
	Class of Insulation	H
	Salient features of Alternator	NA
	Control Panel	AMF Control Panel
	Control Panel Location	Outside the Canopy
	IP Rating of Control Panel	IP 53
	Display meters in the control panel (with appropriate rating	Multifunctional Digital display meter (displaying Voltage, Current, Frequency, Power Factor)

CONTROL PANEL	and accuracy class) - inclusive in the scope of supply	
	Other devices in the control panel (with appropriate rating) - inclusive in the scope of supply	Required switches and cutout, Contactor, Battery charger, remote monitoring over internet with GSM modem.
	Displayed parameters/Features	Engine Speed, Lube oil pressure, Coolant/cylinder head Temperature, Engine running hours, Engine battery voltage, Engine Running status, Generator Voltage (Ph-Ph), Generator Voltage (Ph-N), Generator Current (R, Y, B), Generator apparent Power (kVA), Generator active Power (kW), Powerfactor, Frequency, Fuel level, Event log, Control supply Voltage
	Indicators	Low Lube oil pressure, High water / coolant / cylinder head temperature, Low fuel level, Over speed
	Audio Alarm	Low Lube oil pressure, High water / coolant / cylinder head temperature, Low fuel level, Over speed
ACOUSTIC ENCLOSURE	Acoustic Enclosure (inclusive in the scope of supply)	Yes, Power Generator supplied with Acoustic Enclosure
	Sheet Thickness(mm)	1.6
	Thickness of insulation	25 millimeter
	Density of insulation (kg/cubic m)	25
	Noise level at 1 meter (dB)	75
Fuel Tank	Fuel Tank Capacity	600 liter
	Number of Fuel tank	1
	Fuel Tank Sheet Material Thickness(mm)	2
	Fuel Tank Fabricated Material	M.S Sheet
	Fuel Tank Features	Fuel Tank capacity is sufficient for 8 hrs of running at full load
BATTERY	Battery Type & Specification	"Low Maintenance free to IS: 14257 for high cranking performance"
	Battery capacity (Ah)	150
	No of batteries	2
SALIENT FEATURES	Salient Features of Power Generator	Glass window on Accoustic Enclosure in front of the Control Panel, Emergency Stop outside the Accoustic Enclosure
	Additional Features	NA
TRAILER	Trailer	NA for Fixed/Skid Mounted Power Generator
	Pay load of the Trailer	0 kilogram
	Number of Axlels	0
	Number of wheels	'NA' for without trailer
	Wheel Tyre size	0 inch
	Brakes	NA for Fixed/Skid Mounted Power Generator
	Trailer Complying to CMVR act and Regulation	NA for Fixed/Skid Mounted Power Generator
	Maximum permissible Speed of Trailer(Km/hr)	0
	Trailer unladen weight	0 kilogram
	Trailer overall length	0 millimeter
	Gross Towing Weight (including Power Generator)	0 kilogram
	Salient Features of trailer	NA

General Technical Requirements (GTR) / Commissioning	General Technical Requirements (GTR) / Commissioning(Part-1)	a) Power Generator shall be complete with Diesel Engine, Alternator and AMF/MANUAL Control Panel along with Acoustic Enclosure. Diesel engine and alternator shall be closely coupled or provided with flexible coupling and mounted on a base plate / M.S. frame of robust in construction.
	General Technical Requirements (GTR) / Commissioning(Part-2)	b) Anti-Vibration mountings shall be provided for complete Power Generator in case of flexible coupling. In case of direct coupling Anti-Vibration mountings shall be provided for the Engine as well as the alternator.
	General Technical Requirements (GTR) / Commissioning(Part-3)	c) Power Generator should have protection against under voltage, over voltage, under frequency, over frequency, low battery voltage, over current, earth-fault, short circuit, phase sequence change etc.
	General Technical Requirements (GTR) / Commissioning(Part-4)	d) Automatic Mains Failure (AMF) control panel, where applicable, shall be able to start up the Power Generator and transfer the load on to the Power Generator on mains failure without requiring any human intervention. Similarly on restoration of mains supply, it shall be able to transfer the load to mains supply and switch off the Power Generator automatically.
	General Technical Requirements (GTR) / Commissioning(Part-5)	e) Control Panel (Manual / AMF), where applicable, shall be equipped with suitable Voltmeter, Ammeter, Frequency meter, power factor meter (these items can be alternatively supplied in one multifunctional digital display meter), battery charger, indicators, various switches and cutout / MCB / MCCB / Contactor / Circuit breaker for the DG output of appropriate rating and accuracy class as per trade practice for better utility.
	General Technical Requirements (GTR) / Commissioning(Part-6)	f) Supply and installation of a change-over Switch / MCCB of suitable rating for Power Generator with manual control panel, where applicable, is inclusive in the scope of supply.
	General Technical Requirements (GTR) / Commissioning(Part-7)	g) Acoustic Enclosure shall be made of Pre-treated and Powder coated CRCA Sheet. The sheet shall be Pre-treated and Powder coated with weather-proof paint. The Acoustic Enclosure shall be vermin proof. The enclosure shall accommodate the (daily service) fuel tank of the Power Generator to make the system compact.
	General Technical Requirements (GTR) / Commissioning(Part-8)	h) Power Generators shall meet the requirements of Environmental (Protection) Rules 1986 as laid down by Min. of Environment & Forests read with GSR 371 (E) dated 17.5.2002,GSR 520(E)dated 1.7.2003 , No.448 (E)dated 12.07.2004 , GSR 771(E) dated 11.12.2013 GSR 232(E)dated 31.03.2014,Gazette Notification No.167 dated. 31.03.2014 and Gazette Notification No. 578 dated. 11.11.2014 in respect of noise and emission norms. The latest amendments to above GSRs shall be applicable as and when amended by Ministry of Environment and Forest.
	General Technical Requirements (GTR) / Commissioning(Part-9)	i) Standard set of tools consisting of a set of 3 spanners, one screw driver, one standard plier and one nose plier of appropriate size shall be provided along with each Power Generator.
	General Technical Requirements (GTR) / Commissioning(Part-10)	j) Supply of Fuel tank of suitable capacity, sufficient for minimum 8 hours running/990 liters(whichever is lower) the Power Generator, is inclusive in the scope of supply. Fuel Tank shall be complete with fuel piping (between fuel tank and diesel engine), valves, level indications and all standard accessories. MS pipes, heavy class of suitable dia conforming to IS 1239 (Part-1) - latest shall be used for fuel piping.
	General Technical Requirements (GTR) / Commissioning(Part-11)	Buyer's Responsibilities: i. Mains ACB for AMF operation shall be provided by the buyer for DG set rating above 600 KVA and above .For DG set other ratings seller shall provide mains and DG contactor/breaker, ii. Exhaust piping, extra civil work, distribution board shall be provided by the buyer. iii. Consumables such as filters, lube oil at the time of servicing during warranty period shall be provided by the buyer. iv. Obtaining necessary approvals, if any, is the responsibility of the buyer.
	Above General Technical Requirements (GTR) / Commissioning have been seen, read, understood and agreed to comply	Yes
	Installation	with installation - inclusive in the scope of supply
	Scope of installation for Diesel Generating Set when offered by the vendor - inclusive in the scope of supply(Part-1)	a) Installation of Power Generator when offered by the vendor is inclusive in the scope of supply and shall be done by the seller. The installation work of Power Generator and its constituent parts shall be generally conforming to CPWD General Specification for Electrical Works, Part - VII - latest. b) Foundation shall be constructed by the seller. Foundation shall be of PCC type with the ratio of 4:2:1. The length and breadth of the foundation shall be 300 mm more from the respective length and breadth of the Power Generator. The height of the foundation shall be 400 mm, i.e., 200 mm below and 200 mm above the ground level. All the materials / labour required for foundation work shall be supplied by the seller.
		c) Supply, laying and termination of interconnecting power and control cable shall be done by the seller. The cable supplied shall

SCOPE OF INSTALLATION	Scope of installation for Diesel Generating Set when offered by the vendor - inclusive in the scope of supply(Part-2)	be ISI marked heavy duty PVC insulated, armoured cable, with PVC outer Sheath of Type ST-2 (FR Grade, Category C1), with aluminium conductor having insulation of PVC compound type -C, suitable for rated voltage upto and including 1100 volts and conforming to IS: 1554 (Part-1) latest. For 3-Phase Power Generators, 3.5 core or higher core cables shall be used. Total length of the cable supplied by the seller shall be within 30 meters for each Power Generator with manual control panel and within 60 metres for each Power Generator with AMF control panel. The current rating of the cables shall be as indicated below: 2C, 6 Sq mm for Single Phase, 3.5 & 5.0 KVA 2C, 10 Sq mm for Single Phase, 7.5 & 10 KVA 2C, 25 Sq mm for Single Phase, 15 KVA 2C, 35 Sq mm for Single Phase, 20 KVA 2C, 70Sq mm for Single Phase, 25 KVA 2C, 95Sq mm for Single Phase, 30 KVA 2C, 120Sq mm for Single Phase, 40 KVA 4C, 4 Sq mm for Three Phase,
	Scope of installation for Diesel Generating Set when offered by the vendor - inclusive in the scope of supply(Part-3)	d) 10 KVA 4C, 6 Sq mm for Three Phase, 15 KVA 4C, 10 Sq mm for Three Phase, 20 & 25 KVA 4C, 16 Sq mm for Three Phase, 30 KVA 3.5C, 25 Sq mm for Three Phase, 40 KVA 3.5C, 35 Sq mm for Three Phase, 50 KVA 3.5C, 70 Sq mm for Three Phase, 62.5 & 75 KVA 3.5C, 95 Sq mm for Three Phase, 82.5 KVA 3.5C, 120 Sq mm for Three Phase, 100 KVA 3.5C, 185 Sq mm for Three Phase, 125 KVA 3.5C, 300 Sq mm for Three Phase, 160 KVA 3.5C, 2 Run of 120 Sq mm for Three Phase, 180 KVA 3.5C, 2 Run of 150 Sq mm for Three Phase, 200 KVA 3.5C, 2 Run of 185 Sq mm for Three Phase, 225 KVA 3.5C, 2 Run of 240 Sq mm for Three Phase, 250 & 275 KVA 3.5C, 3 Run of 185 Sq mm for Three Phase, 320 KVA 3.5C, 3 Run of 240 Sq mm for Three Phase, 380 & 400 KVA 3.5C, 4 Run of 240 Sq mm for Three Phase, 500, 600 & 750 KVA 3.5C, 6 Run of 240 Sq mm for Three Phase, 900 KVA
	Scope of installation for Diesel Generating Set when offered by the vendor - inclusive in the scope of supply(Part-4)	Not Applicable as Installation not offered
	Above Scope of installation for Diesel Generating Set when offered by the vendor has been seen, read, understood and agreed to comply	Yes
WARRANTY/SERVICES	Warranty on Complete power genertor/DG Set	24 month
	Warranty in running hours	5000 hour
	Number of preventive maintenance visits offered in an year during warranty period (Supply of all consumables is the buyer's responsibilty)*	1
	Response Time to attend the complaint during Warranty	7 day
	Time Duration for Repairing /Replace the defect during Warranty	30 day
TEST REPORTS	Type of lab which carried out Test of Complete Product to prove the conformity of product as per specification	Certificates required as per CPCB
	Test report Available for (Test/approval)	Type Approval Certificate for the specified rating of the Power Generator from any of the designated agency authorized by CPCB,COP Certificate for engine,Type test report for Alternator as per IS:13364 (Part-1) latest / IS:13364 (Part-2) latest to prove conformity to the specifications
	Agree to provide all relevant documents Test Report/supporting document /reports etc to the buyer at the time of bidding or on demand	YES
खरीदार परिभाषित अतिरिक्त विशिष्टता के लिए Buyer Defined Additional Specification for Koel Green Electro Power Generator- DG set of 250 AMF Control Panel		

विनिर्देश Specification		मूल्य Value		
Number of preventive maintenance visits offered in an year during warranty period		3		
Engine, Alternator, Battery and Controller		Should be of same brand		
CPCB Approval certificate		Copy of type approval certificate of offered DG Set model & copy of type approval certificate of offered engine model must be enclosed with the bid		
CPCB IV Norms		Complaint to CPCB IV norms		
Specifications of the AMF panel		As per the Single Line Diagram (SLD)		
उपरोक्त मद के लिए स्थापना कमीशनिंग और परीक्षण (आईसीटी) विवरण Installation Commissioning and Testing (ICT) details for the above item::				
% of Product Cost Payable on Product Delivery		90 %		
Min Cost Allocation for ICT as a % of product cost		10 %		
Number of days allowed for ICT after site readiness communication to seller		10 Days		
खरीदार परिभाषित अतिरिक्त विशिष्टता के लिए Buyer Defined Additional Specification for ICT charges for Power Generator - DG Set (up to 900 KVA)				
विनिर्देश Specification		मूल्य Value		
Number of preventive maintenance visits offered in an year during warranty period		3		
Engine, Alternator, Battery and Controller		Should be of same brand		
CPCB Approval certificate		Copy of type approval certificate of offered DG Set model & copy of type approval certificate of offered engine model must be enclosed with the bid		
CPCB IV Norms		Complaint to CPCB IV norms		
Specifications of the AMF panel		As per the Single Line Diagram (SLD)		
शुद्धिपत्र Corrigendum				
1. तक बढ़ाया गया Extended Upto : 2024-03-07 12:00:00				
2. GeM-Bidding-Corr-6106194-3.pdf : यहां क्लिक करें click here				
क्रेता द्वारा जोड़ी गई बोली विशिष्ट की अतिरिक्त विशिष्टता - चित्र Buyer added Bid Specific Additional Specification - Drawings				
क्र.सं. S.No	दस्तावेज़ का शीर्षक Document Title	विवरण Description		लागू आईआरओ सामान Applicable i.r.o. Items
1	AMF PANEL & DG POWER PANEL राय View	AMF PANEL & DG POWER PANEL	Power Generator - DG Set (up To 900 KVA)(1)	
ईपीबीजी विवरण ePBG Detail				
सलाहकार बैंक Advisory Bank :				AXIS BANK LTD
ईपीबीजी प्रतिशत (%) ePBG Percentage(%):				5.00
बोली लगाने वाले को बोली के नियमों और शर्तों के अनुसार लागू ईपीबीजी प्रस्तुत करना होगा The bidder shall furnish ePBG as applicable as per bid's terms and conditions				
नियम और शर्तें Terms and Conditions				
1. General Terms and Conditions-				
1.1 This contract is governed by the General Terms and Conditions , conditions stipulated to this Product/Service as provided in the Marketplace.				
1.2 This Contract between the Seller and the Buyer, is for the supply of the Goods and/ or Services, detailed in the schedule above, in accordance with the General Terms and Conditions (GTC) unless otherwise superseded by Goods / Services specific Special Terms and Conditions (STC) and/ or BID/Reverse Auction Additional Terms and Conditions (ATC), as applicable				
2. Buyer Added Bid Specific Terms and Conditions-				
2.1 Generic.				
OPTION CLAUSE: The Purchaser reserves the right to increase or decrease the quantity to be ordered up to 25 percent of bid quantity at the time of placement of contract. The purchaser also reserves the right to increase the ordered quantity by up to 25% of the contracted quantity during the currency of the contract at the contracted rates. Bidders are bound to accept the orders accordingly.				
2.2 Buyer Added Bid Specific ATC:				
Buyer Added text based ATC clauses				
1. Delivery location shall be Quality Council of India, India Council of Child Welfare Building, 4 Deen Dayal Upadhyay Marg, New Delhi 110002				

2. OEM Authorization Certification must be submitted by the bidder
3. Bidder should quote for CPCB IV Norms complaint DG
4. Supply Installation Commissioning Testing shall be the responsibility of the bidder
5. Warranty Period shall be 3 years, bidders are advised to submit cost accordingly. Bidders are required to submit confirmation in the ATC that the cost submitted is inclusive of 3 years of warranty.

नोट: यह सिस्टम जनरेटेड फाइल है। कोई हस्ताक्षर की आवश्यकता नहीं है। इस दस्तावेज़ का प्रिंट आउट भुगतान/लेनदेन उद्देश्य के लिए मान्य नहीं है।

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