TENDER NOTICE

सीएसएल – कोलकाता पोत मरम्मत यूनिट (सीकेएसआरयू), कोलकाता की ओर से निम्न सूचित कार्य केलिए अनुभवी फर्मों से मुहरबंद प्रतिस्पर्धी निविदाएं आमंत्रित की जाती हैं, ताकि निम्न सूचित तिथि और समय पर या उससे पहले अधोहस्ताक्षरी तक पहुँच सकें। कृपया संलग्न तकनीकी विनिर्देश, सामान्य नियम और शर्तें एवं अन्य अनुदेशों का संदर्भ लें।

Sealed competitive tenders are invited on behalf of CSL-Kolkata Ship Repair Unit (CKSRU), Kolkata from experienced firms for the under mentioned work, so as to reach the undersigned on or before the date and time mentioned below. Please refer to the Technical Specification, General Terms and Conditions and other instructions attached.

निविदा सं. व तिथि Tender No. & date	सीएसएल/सीकेएसआरयू/टीईएन/718/2026-27 दिनांक 25 Nov 2026 CSL/CKSRU/TEN/718/2026-27 dated 25 Nov 2026
कार्य का नाम Name of Work	सीकेएसआरयू, कोलकाता में 500 kVA डीज़ल जनरेटर सेट की आपूर्ति, स्थापना, परीक्षण और कमीशनिंग (SITC) । (विस्तृत विनिर्देश अलग से संलग्न है) Supply, Installation, Testing and Commissioning (SITC) of 500-kVA Diesel Generator Set at CKSRU, Kolkata (Detailed specification is enclosed separately)
निविदा का प्रकार Type of Tender	**दो बोली** **Two Bid**
जमा करने केलिए बयाना राशि Earnest Money to be deposit	रु. 1,20,000/- Rs. 1,20,000/-
निविदा प्रपत्र की लागत Cost of Tender Form	रु. शून्य Rs. Nil
बोली-पूर्व बैठक Pre-bid Meeting	दिनांक 02 Dec 2026 को 11:00 बजे 02 Dec 2026 up to 11:00 hrs.
निविदा प्राप्ति की अंतिम तिथि एवं समय Last date & time of receipt of tender	दिनांक 16 Dec 2026 को 16:00 बजे तक 16 Dec 2026 at 16:00 hrs.
निविदा खोलने की तिथि एवं समय Date & time of opening of tender	दिनांक 16 Dec 2026 को 16:30 बजे तक 16 Dec 2026 at 16:30 hrs.
कार्य पूर्ण करने की अवधि। Work completion period	**04 महीने** (कार्यादेश जारी होने की तिथि से) **04 months** (from the date of issue of work order)

लिफाफे के ऊपर निविदा संदर्भ स्पष्ट रूप से सूचित किया जाना चाहिए।

Tender reference should be clearly indicated on top of the envelope.

उप महाप्रबंधक (सीकेएसआरयू) को संबोधित मुहरबंद निविदाएं सीएसएल- कोलकाता पोत मरम्मत यूनिट सीकेएसआरयू), ड्राई डॉक ऑफिस बिल्डिंग, गेट नं. 9, नेताजी सुभास डॉक, सर्कुलर गार्डन रीच रोड, कोलकाता – 700024 में स्थित 'सीकेएसआरयू निविदा बॉक्स' में नियत तारीख एवं समय तक डाली जाएंगी।

Sealed tenders addressed to The Deputy General Manager (CKSRU) shall be dropped in the **"CKSRU Tender box" located at CSL-Kolkata Ship Repair Unit (CKSRU), Dry Dock Office Building, Gate No. 9, Netaji Subhas Dock, Circular Garden Reach Road, Kolkata -700024** by the due date and time.

उपरोक्त कार्य केलिए प्रभारी अधिकारी
Officer In-Charge for the above work

नाम/ Name : आसिफ़ इक़बाल/Asif Ikbal
पदनाम/ Designation: उप प्रबंधक/Deputy Manager
संपर्क सं. (मोब.)/Contact No (M): 9735521074
ई-मेल/ E-mail: asif.ikbal@cochinshipyard.in

कृते कोचीन शिपयार्ड लिमिटेड
For Cochin Shipyard Limited

For

ठेकेदार का हस्ताक्षर एवं मुहर
Signature and Seal of the Contractor (s)

सहायक महाप्रबंधक (प्रभारी) (सीकेएसआरयू)
Assistant General Manager (i/c) (CKSRU)

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SCOPE OF WORK & ELIGIBILITY CRITERIA

1. SCOPE OF WORK

Supply, Installation, Testing and Commissioning (SITC) of 500-kVA Diesel Generator Set along with Acoustic Enclosure and AMF Panel at CKSRU, Kolkata.

Supply, Installation, Testing and Commissioning of 415V Volts, three phases, 500-KVA CPCBIV+ Emission Compliant DG sets Prime Rated, 1500 RPM, with inbuilt Radiator water Cooled DG set, acoustic enclosure, power and control cables, batteries, battery charger, AMF Panel and associated accessories etc. at CKSRU, Kolkata

A. SPECIFICATION OF DG SETS

i. Basic Specification

Parameter	Unit	Ratings
Prime Rating at rated rpm (as per ISO8528)	RPM	1500
	kVA	500
	kW	400
Frequency	Hz	50
Power Factor	lagging	0.8
Voltage	V	415 (3Ø)
Enclosure	IP	23

ii. Engine Specification

a. The diesel engines shall be of the direct injection with Radiator cooled, turbo charged operating at a nominal speed of 1500 RPM and engine output shall be not less than 400KW at 100 per cent load and coupled to 500-KVA Alternator. Deliver 500-KVA output at site at 45 degree and after deduction of the Aux power.

b. The engine shall meet the current emission norms.

c. The engine fitments shall include but not be limited to the following: -

I. Rigid Coupled single bearing alternator and flywheel.
II. Dry type air filter with clogged condition indicator (The filter shall be easily approachable for maintenance).
III. Radiator inbuilt in the common skid base frame and Engine suitable to run the DG set at 10% overload at an ambient of 50 Degrees centigrade, keeping the acoustic doors in closed condition.
IV. Engine shall be inline/ V type
V. Engine shall be turbocharged, charge air cooled
VI. Engine driven fuel pump
VII. Engine driven coolant pump
VIII. Engine driven lubricant Lube oil pump, oil cooler and filter. Also, first fill of oil and coolant need to be supplied
IX. Silencers with “Residential / domestic Grade”.
X. 12/24 V D.C Starter and battery charging alternator.

d. The engine speed shall be regulated through Electronic Governing system which shall also provide the over speed protection. The AVR should have adjustable V/Hz feature to adjust and obtain best possible block loading capacity.

iii. Engine Control Panel

A microprocessor-based monitoring and control system shall be provided, capable of operator interface to the DG set for manual operation, remote start/stop control, and fault shutdown indication. The system shall be of electronic LCD/LED type, displaying engine and alternator parameters, and shall be compatible for BMS integration through RS485. It shall include functionality for electronic governing compatibility, LED/LCD backlit display, remote start/stop, and audible & visual warnings for inducement. Engine metering shall cover oil pressure, engine

temperature, starting battery voltage, and engine running hours. Alternator metering shall include L-L voltage, L-N voltage, current (phase and total), kVA (phase and total), frequency, kWh, total and per phase (kW & kVA), power factor, utility voltage, and frequency. Engine protection shall include low lube oil pressure, high/low coolant temperature, battery high/low/weak voltage, fail to crank/start, sensor failure, cranking lockout, and low fuel level. Alternator protection shall include over/under voltage, over/under frequency, loss of AC sensing, overspeed, overcurrent, and kW overload.

The system shall provide data logging for engine hours, control hours, and up to five recent fault codes. Configurable glow plug control, 12/24V DC operation, sleep mode, Modbus interface (RS485 RTU), and PC-based service tool compatibility shall be included. Certifications shall meet relevant ISO, EN, MIL-STD, and CE standards. Maintenance due alarms shall be based on engine run time and due date. The generator sets shall have the following protection features in built in Controller.

1. **Engine Safety Features and Protection**
   a. Low Oil Pressure Warning
   b. High Coolant Temperature Warning
   c. Low Coolant Level (Warning or Shut Down),
   d. Low Oil Pressure Warning
   e. High Coolant Temperature
   f. Shut Down Fail to Crank
   g. Shut Down
   h. Cranking Lockout Over speed Shut Down
   i. Emergency Stop Shut Down
   j. Fault Log for at least Last 5 Faults
   k. Weak Battery Warning
2. **Electrical Safeties Features and Protection**
   a. High AC Voltage Protection,
   b. Low AC Voltage Protection,
   c. Under Frequency Protection,
   d. Loss of Excitation,
   e. Weak Battery Monitoring Feature
3. **Engine Safety Features**
   a. Battery Voltage Monitoring,
   b. Coolant Temperature,
   c. Monitoring Low Lube Oil
   d. Pressure Safety
   e. High Engine Speed Safety
   f. Engine Run Hours
4. **Fault Codes Display**
   a. Programmable Isochronous or drop governing.
   b. High Coolant Temperature (Trip/Alarm)
   c. Over Speed (Trip / Alarm)
   d. Low Lubricant Oil Pressure (Trip)
   e. Low Coolant Level (Trip / Alarm)
   f. Battery Charging failure
5. **Starter Motor Protection**
   Automatic Speed Dependent Starter disengagement on startup.

iv. Engine Accessories

The following accessories shall be supplied with the DG set.

a. Common base frame for the Engine, alternator & radiator.

b. Anti-vibration mounts of reputed make of requisite quantity to be provided between Engine and base frame and Alternator & Base frame.

c. Protective guards for all rotating parts are compulsory.

v. Battery

a. Battery shall be as per manufacturer's standard suitable for three successive starting attempts each of 10 seconds duration with a gap of 5 seconds between successive starts. The AH of batteries shall be as recommended by manufacturer.

b. Batteries shall be Lead Acid storage type Lead-Tin Plate (LTP) technology and casing should be fire retardant. The fire-retardant certificate duly issued by concern OEM should be submitted by the Bidder.

c. Batteries shall be supplied and provided with automatic charger of suitable capacity to charge batteries.

vi. <u>Alternator Specification</u>

The Alternator should be horizontal foot mounted, single/double bearing, self-excited, revolving field type, self – regulated, brush-less, screen protected drip proof, continuous duty alternator conforming to IS 4722/IEC34/IS 4889 /IEC 60034-1as amended up to date with Class "H" insulation IP-23 enclosure incorporating the following.

Type	Brushless, Self-Excited, Self-Regulated Synchronous Alternator
Enclosure	IP 23
Voltage regulation (Max.)	±1%
Class of Insulation	H Class
Winding	Continuous damper winding
Winding Material	100% Copper
Terminal Box	Top Mounted, IP55 or Better
Winding Pitch	2/3
Stator Winding	Double layer concentric
Rotor	Dynamically Balanced
AVR	Static/ Electronic, to be part of the alternator
Bearing	Single bearing/Double Bearing of sealed bearing & compact design
Over speed	20 % for 2 minutes
Termination box	IP 55
Ventilation	Self-ventilated air cooled
Ambient temperature	50 °c maximum
Voltage regulation	+ 1%
Voltage variation	+ 5%
Overload duration/capacity	10% for one hour in every 12 hours continuous use

vii. <u>Following control system should be available for the Generator set</u>

1. Local or remote start and stop
2. Control Switch: OFF/RUN/AUTO MODE
3. LED INDICATING LAMPS for indicating the following status
   a. Not in Auto Mode
   b. Common wiring
   c. Shutdown
   d. Remote start command
4. Panel Lamp switch
5. Fault Reset Switch
6. Emergency stop Switch

viii. <u>The following metering and protection features shall be provided for the DG set. Digital meters shall indicate the following parameters:</u>

a. Engine Parameters:
   1. Lubricant Oil Pressure
   2. Coolant temperature
   3. Engine Speed
   4. Engine Hours Run
   5. Battery Voltage

b. Alternator Parameters: -
   1. Line voltage LL
   2. Parallel bus voltage
   3. Phase current LL
   4. Frequency
   5. Total and per phase KVA/KW
   6. Alternator exciter duty and governor duty

ix. Protections:

a. Engine:
   1. Low Lubricant oil pressure (Warning(W)/Shutdown (SD))
   2. High coolant temperature (W/SD)
   3. Low coolant level - W/SD
   4. Oil pressure sender - W
   5. Engine temperature sender - W
   6. Fail to crank - SD
   7. Over crank - SD
   8. Over speed - SD
   9. Low and high battery voltage - W
   10. Weak battery - W
   11. Magnetic pick-up failure - SD

b. Alternator:
   1. Over voltage - SD
   2. Under voltage - SD
   3. Under frequency - SD
   4. Over frequency - W/SD
   5. Loss of excitation-SD

c. Local Isolation on Engine standard control Panel: 800 Amp MCCB, 50 KA rating shall be provided.

x. Specification of Acoustic Enclosure

a. Construction of Acoustic Enclosure

Acoustic enclosure shall be powder coated and fabricated out of minimum 1.6 mm thickness CRCA sheet. The silent canopy shall be of nut bolt type construction. Powder coating is done after surface treatment process of sheet metal. Canopy panel and doors shall have inside lining of Fire-Retardant Foam as acoustic material. Hinged doors shall be provided to canopy; one door shall have glass window for control panel.

b. Surface Treatment-Painting

The enclosure surface shall be pretreated with 11 tank processes, thereafter coated with high-quality UV resistant coated powder and baked in uniform temperature in conveyor oven to with stand extreme environment.

c. Base Frame

The Base frame shall be rugged in construction and designed for mounting engine and alternator close coupled, with cross members mounted on AVM Pads. They shall be fabricated with MS HR sheet steel of suitable thickness as per OEM standard. The Base frame shall be pretreated and coated with primer-based powder / Epoxy paint. Base frame may be provided with integral fuel tank & DEF tank with drain plug, air vent, inlet & outlet connection & provision for cleaning.

d. Fuel Tank

In built Fuel tank shall be provided along with gauge glass.

e. Silencer

Residential/ Domestic Type Silencer has to be provided to suppress exhaust noise from the engine to meet CPCB IV norms. The silencer and attached exhaust pipe should be properly covered with glass wool insulation and aluminum sheet. (The Silencer should be preferably inside the Acoustic Enclosure According to Latest CPCB IV+ Norms)

f. Emergency Push Stop Button:

The above DG sets should have the provision of emergency push button, external to the canopy.

xi. AMF POWER CONTROL PANEL- Micro Processor based AMF Panel:

The AMF control panel shall be fabricated from 14 SWG /16 SWG sheet steel, mounted on a channel frame, floor-mounted inside the canopy, free-standing, dust-proof, cubical type, and front-operated. It shall be provided with 800A, 50kA FP contactors (MCCB) complete with all protective devices, suitably rated current transformers for metering and protection, earth fault relay, square digital type ammeter (0–1000A), square digital type voltmeter (0–600V), digital frequency meter, kWh meter, LED type indicating lamps, fuses, and necessary bus extensions for terminating DG cables. The AMF Panel shall be floor standing with cable entry provisions from bottom. The panel shall be equipped with tinned copper bus bars of suitable size, duly provided with heat shrink PVC sleeves mounted on suitable support insulators. Separate bus bars for incoming and outgoing with cable entry at bottom /top of panel with removable gland plate separately for incoming and outgoing cables, panel lifting hooks, base frame etc. including the following:

- CT operated Digital Multifunction meter with remote monitoring facility.
- Mode Selector Switch OFF/AUTO/MANUAL
- Set of current transformers of suitable ratio
- Built-in boost cum trickle Battery Charger consisting of –
  a. Transformer/Rectifier
  b. DC Ammeter
  c. DC Voltmeter
  d. Charging rate selector switch
  e. Hooter

xii. Cable Connection:

Power connection from the alternator terminal box to the AMF panel shall be provided using 2 Runs of 1-Core 150 sq.mm, flexible copper cables conforming to IS 9968. Conductor material standard shall be annealed tinned copper (Class 5) as per IS 8130.

B. <u>Location of work:</u>

Cochin Shipyard Limited
CSL-Kolkata Ship Repair Unit (CKSRU),
Dry Dock office building, Gate No. 9, Netaji Subhas Dock,
Circular Garden Reach Road, Kolkata – 24

C. <u>Delivery Period:</u>

The complete supply, installation, testing and commissioning shall be completed within 3-4 months from the date of issue of Purchase Order.

PRICE BID						Annexure 2
Tender No.: CSL/CKSRU/TEN/718/2026-27						
Name of work : Supply, Installation, Testing and Commissioning (SITC) of 500-kVA Diesel Generator Set at CKSRU, Kolkata						
Sl. No.	**Description**	**Qty**	**Unit**	**Unit rate (INR)**	**GST (%)**	**HSN/SAC Code**
1	**500-kVA Diesel Generator Set**					
1.1	Supply, Installation, Testing and Commissioning (SITC) of 500-kVA Diesel Generator Set	1	No.			

Annexure - 3

TERMS AND CONDITIONS

1. Tenderers are to carefully go through the terms and conditions and the technical specification of the items for which offers are called for
2. Offer shall be submitted in the prescribed form addressed to **The Assistant General Manager (i/c) (CKSRU)** the **'CKSRU Tender Box'** kept at the office of '**CSL-Kolkata Ship Repair Unit (CKSRU), Dry Dock Office Building, Gate No. 9, Netaji Subhas Dock, Circular Garden Reach Road, Kolkata -700024**
3. In case of bid sent through e-mail (asif.ikbal@cochinshipyard.in, harikrishnan.n@cochinshipyard.in), then the documents should be password protected and the passwords should be passed on to the concerned officer while attending the bid opening or by e-mail or SMS immediately before the tender opening against the request from concerned officer.
4. **Validity:** The offer should be valid for a minimum period of four months from the tender closing date.
5. **Earnest Money Deposit (EMD):** Rs.1,200,000/- (Rupees One Lakh Twenty Thousand Only)
   EMD for a valid bid has to be submitted by the bidder in the form of demand draft / FDR / Bank Guarantee (Encl.2) drawn in favour of Cochin Shipyard Limited from scheduled bank except Co-operative bank in case of indigenous bidders and from international bank as per the CSL approved list in case of foreign bidder. Cheques are not acceptable. Bids submitted without EMD will be rejected. No interest shall be paid for the EMD, Security Deposit or Performance guarantee. EMD will be returned to the unsuccessful bidder's post finalization of tender and issue of Work Order to the L1 bidder.
6. **Cost of Tender Form**: Nil
7. **Mode of tender:** The tender for the work will be based on Two Bid system. The tender shall consist documents as indicated at Annexure-4.
8. Bidders can contact Officer-in-Charge of the work which is indicated in the tender notice for any clarification before submitting the offer. If clarifications/details are not obtained before the offer is submitted, no claim on this account will be admitted.
9. Bidders to note that no advance payment will be made by CSL against work order/ supply order issued.
10. Corrections and additions if any in the bid must be attested/ duly signed by the bidder. In the case of error in multiplication/addition in amount calculated, the unit rate quoted will be considered as correct and the amount will be calculated accordingly. Conditional rebates & discounts, incomplete/ambiguous offers are likely to be rejected.
11. L1 will be arrived based on the lowest total amount quoted for the entire work excluding GST. Partially quoted bid will be rejected.
12. Normally CSL will award the contract to the Bidder whose bid has been substantially responsive to the bidding documents and who has offered lowest evaluated total amount. However, if in the opinion of CSL, the total price or certain item rates quoted by the lowest evaluated bidder are considered high, CSL may invite such bidder for price negotiation. Lowest quoted bidder shall attend such negotiation meetings and if requested by CSL shall provide the analysis of rates/break – up of amount quoted by him for any or all items of Schedule of Rates/ prices to demonstrate the reasonability. As a result of negotiation, bidder may offer rebate on his earlier quoted price.
13. No enhancement of rate for whatever cause will be allowed once the offer is accepted and an order is placed.
14. GST/Duties, if any, payable extra is to be indicated in the techno-commercial part for two bids.

15. **Payment terms:**

a) 100% payment shall be released after completion of total scope of the work and acceptance by CSL representative at CKSRU site.
b) 70% PO value will be released after receipt and acceptance of the material at CSL-Kolkata Ship Repair Unit (CKSRU), Kolkata
c) Balance 30% of the PO value will be released after satisfactory testing & commissioning of the material and acceptance by CSL.
d) Supplier shall indicate details like PAN, GST details etc. required for processing payment. Payments will be made through NEFT/RTGS/Cheque mode and necessary details shall be furnished by the supplier in the format at Enclosure-1.
e) CSL reserves the right for the deduction of taxes and duties as applicable from the bill or invoice.
f) The invoice to be raised on Officer in-charge, Cochin Shipyard Limited, CSL-Kolkata Ship Repair Unit, Dry Dock Office Building, Netaji Subhas Dock, Gate No.9, Circular Garden Reach Road, Kolkata – 700024.
g) GST No. of CSL-Kolkata Ship Repair Unit is 19AAACC6905B1Z1.
h) Payment will be released tentatively within 30 days from the date of submission of bill duly certified by the authorized CSL representative at Kolkata. Delay in submission of bills will lead to delay in processing of payment.

16. **RESTRICTIONS UNDER RULE 144 (XI) OF THE GENERAL FINANCIAL RULES (GFRS), 2017**

a. Certificate shall be submitted by the bidders as per the below format along with their offer, stating compliance with office order OM No. 6/18/2019-PPD dated 23rd July 2020 (as amended from time to time shall be applicable) regarding restrictions under rule 144 (ix) of the General Financial Rules (GFRs).

"I have read the clause regarding restrictions on procurement from as bidder of a country which shares a land border with India and on sub- contracting to contractors from such countries; I certify that this bidder is not from such a country or, if from such a country, has been registered with the competent authority and will not sub contract any work to a contractor from such countries unless such contractor is registered with competent authority. I hereby certify that this bidder fulfills all requirement in this regard and is eligible to be considered"

Where applicable, evidence of valid registration by the competent authority shall be attached.

b. Any bidder from a country, which shares a land border with India, will be eligible to bid in this tender only if the bidder is registered with the Competent Authority. In works contracts, including turkey contracts, contractors shall not be allowed to sub contract works to any contractor from a country which shares a land border with India unless such contractor is registered with Competent authority. Relevant certificate to be submitted by bidder from a country which shares land border with India except for bidders to which Govt. of India has extended lines of Credit or in which Govt. of India has development projects, along with the offer as proof of registration with competent authority, failing which the offer will not be considered. A certificate is to be submitted by the bidder for compliance with the order referred above long with tender documents for consideration of offer (Wordings are as per Clause below). If such certificate given by a bidder whose bid is accepted is found to be false, this would be a ground for immediate termination and further legal action in accordance with law.
c. Registration should be valid at the time of submission of bids and at the time of acceptance of bids. In

respect of supply otherwise than by tender, registration should be valid at the time of placement of order. If the bidder is validly registered at the time of acceptance /order placement, registration shall not be a relevant consideration during contract execution.

d. The competent authority for the purpose of registration under the order shall be Registration committee constituted by the Department of Promotion of Industry and Internal Trade (DPIIT). Details of the committee and procedure for registration and restrictions shall be as per Ann. I of the Order - Public Procurement no 1 dt 23.7.2020 issued by Ministry of Finance, department of Expenditure.

e. "Bidder" (including the term 'tenderers', 'consultant' or 'Service provider' in certain contexts) means any person or firm or company, including any member of a consortium or joint venture (that is an association of several persons, or firms or companies), every artificial juridical person not falling in any of the descriptions of bidders stated hereinbefore, including any agency branch or office controlled by such person, participating in a procurement process.

f. "Bidder from a country which shares a land border with India" for the purpose of this Order means:-

a) An entity incorporated, established or registered in such a country; or
b) A subsidiary of an entity incorporated, established or registered in such a country; or
c) An entity substantially controlled through entities incorporated, established or registered in such a country; or
d) An entity whose beneficial owner is situated in such a country; or
e) An Indian (or other) agent of such an entity; or
f) A natural person who is a citizen of such a country; or

a. A consortium or joint venture where any member of the consortium or joint venture falls under any of the above

g. The beneficial owner for the purpose above will be as under:

1. In case of a company or Limited Liability Partnership, the beneficial owner is the natural person(s), who, whether acting alone or together, or through one or more juridical person, has a controlling ownership interest or who exercises control through other means.
   Explanation-
   a. "Controlling ownership interest" means ownership of or entitlement to more than twenty-five per cent of shares or capital or profits of the company.
   b. "Control" shall include the right to appoint majority of the directors or to control the management or policy decisions including by virtue of their shareholding or management rights or shareholders agreements or voting agreements.
2. In case of a partnership firm, the beneficial owner is the natural person(s) who, whether acting alone or together, or through one or more judicial person has ownership of entitlement to more than fifteen percent of capital or profits of the partnership.
3. In case of an unincorporated association or body of individuals, the beneficial owner is the natural person(s), who, whether acting alone or together, or through one or more juridical person, has ownership of or entitlement to more than fifteen percent of the property or capital or profits of such association or body of individuals,
4. Where no natural person is identified under (1) or (2) or (3) above, the beneficial owner is the relevant natural person who holds the position of senior managing official;
5. In case of trust, the identification of beneficial owner(s) shall include identification of the author of the trust, the trustee, the beneficiaries with fifteen percent or more interest in the trust and any

other natural person exercising ultimate effective control over the trust through a chain of control or ownership.

h. An Agent is a person employed to do any act for another, or to represent another in dealings with third person.

i. The successful bidder shall not be allowed to sub-contract works to any contractor from a country, which shares a land border with India unless such contractor is registered with the Competent Authority.

17. **Definitions**:

a) Local Content: Local content means the amount of value added in India which shall, unless otherwise prescribed by the Nodal Ministry, be the total value of the item procured (excluding net domestic indirect taxes) minus the value of imported content in the item (including all customs duties) as a proportion of the total value, in percent.

b) Class I Local Supplier: It means a supplier or service provider, whose goods, services or works offered for procurement, meets the minimum 50% local content

c) Class II Local Supplier: It means a supplier or service provider, whose goods, services or works offered for procurement, meets the minimum 20% local content

d) Non-Local Supplier: It means a supplier or service provider, whose goods, services or works offered for procurement, has less than that pre-scribed for class II local supplier.

18. This tender is not a Global tender enquiry and only Class I and Class II local suppliers as defined above shall be eligible to bid in this tender.
19. False declarations will be in breach of the code of integrity under rule 175(1)(i)(h) of the GFR for which a bidder or its successors can be debarred for up to two years as per rule 151 (iii) of the GFR along with such other actions as may be permissible under law.
20. A supplier who has been debarred by any procuring entity for violation of above order shall not be eligible for preference under this order for procurement by any other procuring entity for the duration of the debarment.
21. **DECLARATION OF LOCAL CONTENT:** Class I/ Class II local supplier at the time of tender shall provide a certificate from statutory auditor/cost auditor (for companies) /practicing cost accountant/Chartered accountant (suppliers other than companies) indicating % of local content.
22. Verification of the Certificates issued by the bidder shall be carried out by CSL on random basis. False declarations will attract actions as stipulated in the order referred, including other actions as permissible by law.
23. **Security Deposit/ Bank Guarantee:**

An amount of 5% of total amount shall be deducted from the final invoice amount towards Security Deposit / Performance guarantee. Same shall be returned 1 month after satisfactory completion of guarantee period.

24. MSEs, Startups and Make in India a) Local Suppliers (Make In India), MSME firms and Startups will be eligible for various Relaxations in pre-qualification criteria and other Benefits as per the orders promulgated by Government of India (GFR or other relevant rules). Bidders are advised to refer the details of various benefits and relaxation in pre-qualification criteria as published at CSL website (www.cochinshipyard.com) under the Tenders tab for further reference.
25. Micro and Small Enterprises (MSEs) as defined in MSE Procurement Policy issued by Department of Micro, Small and Medium Enterprises (MSME) or are registered with the Central Purchase Organisation or the concerned Ministry or Department are exempted from submission of EMD & Tender cost.
26. The rate quoted shall remain firm throughout the period including extension if any.
27. The firm should not subcontract the work in part or full.

28. **Guarantee Period:** The goods supplied shall be guaranteed for workmanship and satisfactory performance for a period of 12 months from the date of receipt of the materials at CKSRU yard and acceptance of the materials. Supplier should replace the defective materials without cost implication to CSL/CKSRU immediately after intimation of any such defects noticed during the Guarantee period.
29. **Risk Purchase:** If the supplier fails to supply the items ordered with in the delivery date or violate any of the terms and conditions of the purchase order, CSL/CKSRU shall have the following rights.
    a) To terminate the contract with 15 days' notice forfeiting the security deposit.
    b) To initiate alternate procurement action at the risk and cost of the supplier.
30. **Liquidated Damage:** In case any delay in completion period or in the Supply of ordered materials beyond the stipulated completion period / delivery period, the contractor has to pay Liquidated Damage (LD), a sum equivalent to ½% (half percentage) of the order value per week or part of the week subjected to maximum of 10 % of the order value.
31. **Force Majeure condition:** Should failure in performance of the contract or part thereof arise from war insurrection, restrain imposed by Government, Act of Legislature or other Statutory Authority or illegal strike, riot, legal lock-out, flood, fire, explosion, act of God or any inevitable or unforeseen event beyond human control which may be construed as reasonable ground for an extension of time, CSL may allow such additional time as is mutually agreed, to be justified by the circumstances of the case. The occurrence/ cessation of force majeure situation is to be informed with documentary evidence within 15 days from the date of occurrence/cessation.
32. Transportation and Transit insurance shall be in the scope of supplier and unit prices quoted are to be inclusive of the same.
33. Packing Material should be eco-friendly.
34. Supplier should follow the statutory requirements of products offered.
35. Products supplied shall be nontoxic and harmless to health. In the case of toxic materials Material Safety Datasheet may be furnished along with the material.
36. After submission of tender, no unsolicited correspondence will be entertained.
37. Cochin Shipyard Limited does not bind itself to accept the lowest or any tender but reserves to itself the right to reject any or all or a part of any tender at its discretion. After submission of tender, no unsolicited correspondence will be entertained.

Cntd…..

Annexure - 4

COCHIN SHIPYARD LIMITED
CSL-KOLKATA SHIP REPAIR UNIT (CKSRU)
KOLKATA – 700 024

SPECIAL INSTRUCTIONS FOR TWO BID SYSTEMS

1. **MODE OF SUBMISSION OF TENDERS**

   Tenders should be submitted in two separate sealed covers superscribed in capital letters as PART-I "TECHNO-COMMERCIAL" & PART-II "PRICE" indicating the tender number, due date and name & address of the tenderer.

2. **TECHNO-COMMERCIAL PART SHOULD CONTAIN FOLLOWING DETAILS**
   a. Documents for minimum eligibility criteria
   b. Drawings &Technical Literature, if any
   c. Copy of unpriced Price bid (Price bid without price& with percentage of taxes & duties and details like quoted /Nil/Included need to be mentioned for each line item.)
   d. Complete set of tender documents duly signed and sealed on all pages as a token of acceptance.

3. **PRICE PART SHOULD CONTAIN FOLLOWING DETAILS**
   a. Duly filled price bid as per the tender document.
   b. The quoted rate shall include rate for material, service engineer if required, transportation, loading etc.to deliver the items to the location as mentioned in the tender document.
4. CKSRU/CSL reserves the right to alter, modify the scope of supply at their discretion and consistent with the policy of the Government of India and statutory bodies under them as applicable to the contract from time to time.
5. The techno-commercial part alone will be opened initially on the due date of tender. The price part will be opened only after evaluation of the Techno-commercial part. Firms will be intimated the date of opening of the price port, whose Techno-commercial bid is acceptable, in due course. Tenderers shall not be allowed to attend the Techno-commercial bid opening.
6. The tenderer shall ensure that their Indian Agent is not representing any other suppliers for the same Tender. In other words, Indian Agents are not permitted to represent more than one firm for a particular Tender.
7. After submission of quotation / price opening, no unsolicited correspondence will be entertained.
8. Clarifications, either technical or commercial, should be submitted to points specially asked for only. The opportunity so given should not be used for correcting/changing/amending the data/conditions already submitted with the tender.
9. Price part should be submitted in the Price Bid format provided. Price should be quoted separately for each item shown in the format. Combining of figures against more than one item and ambiguous clauses will lead to rejection of the bid. In case if there is any ambiguity in the price bid, unit rate quoted will be considered as base and L1 will be arrived accordingly.
10. Offers should be clear and unambiguous. Incomplete/ambiguous offers are likely to be rejected

Enclosure - 6

Electronic Payment Mandate Form

(Mandate for receiving payments through RTGS/NEFT Cochin Shipyard Ltd)

1) Vendor Name
2) Vendor Address with Phone No

3) Vendor Code
4) Permanent Account Number (PAN)
5) Particulars of Bank Account
   a. Name of the Bank
   b. Name of the Branch
   c. Branch Code:
   d. NEFT Code of the Bank:
   e. City Name:
   f. Branch Location:
   g. Branch Telephone No.:
   h. Bank IFSC Code:
   i. 9-Digit MICR Code

(where MICR is starting with "0". Please take the correct code from your bank for proper identification of city, bank, branch)

   j. Type of the Account (S.B,Current or Cash Credit) with code (010/011/013)
   k. Account Number (as appearing on the cheque book)

6) Email Address of Vendor:
7) Date of Effect of RTGS/NEFT in your Bank:

(Please enclose a cancelled un-signed cheque leaf to enable us to verify the details mentioned above)

We hereby declare that the particulars given above are correct and complete. If the transaction is delayed or lost because of incomplete or incorrect information, we would not hold the company responsible.

(.....)

Signature of Employee

Bank Certificate

We certify that_____ has an Account No._____ with us and we confirm that the details given above are correct as per our records.

Date:

Place:

(……)
Authorized official of Bank

Annexure 5

VENDOR DETAILS

1	Name of the Bidder/Firm	
2	Registered office Address of Company/Firm	
3	Registered office Address of Company/Firm in Kolkata	
4	Telephone No./Fax No./Mobile No	
5	E-mail address	
6	Names of the contact person & designation	(i) (ii) (iii)
7	Type of Entity-Proprietorship/Partnership firm/Company/NSIC/MSME Category etc. (Please attach registration certificate of Firm/Partnership agreement/proprietorship documents)	
8	PAN Card Number	
	GST Registration Number (GST certificate to submitted along with the technical bid)	
	EPF registration no. (EPF registration certificate to be submitted along with the technical bid) Note: In case firm does not have EPF registration reasons thereof to be indicated	
	ESI Registration No. (ESI registration certificate to be submitted along with the technical bid). Note: In case firm does not have ESI registration reasons thereof to be indicated	
	Copy of License if applicable	
9	Whether the Agency has been blacklisted/debarred or given tender holiday or contract terminated before expiry of the contract period by any 'Govt./autonomous bodies/ organizations where bidder has provided services earlier due to deficiencies in service or misconduct etc.	Yes/No (please tick as applicable) If yes, please furnish details on a separate sheet

Sign & seal of contractor:

Enclosure – 1

Technical Particulars/Parameters

Sl. No.	Technical particulars	Details to be filled by the bidder
1	**Engine Name**	
	Make	
	Model Number	
	Type	
	Type of cooling system	
	Type of silencer	
	Fuel tank capacity	
	Shaft HP at 1500 RPM	
	Type of Governor	
	Fuel consumption at full load/hour	
2	**Alternator**	
	Make	
	Model Number	
	Frame Size	
	Rated Voltage	
	Capacity in KVA	
	Excitation	
	% Regulation	
	Type of Enclosures	
	Class of insulation for winding	
	Whether brushless or not	
3	**Batteries**	
	Make	
	Voltage	
	Capacity in Amp. Hours	
	Whether stand included or not	
4	**Coupling**	
	Type	
	Whether guard provided or not	
	Whether base plate is included or not	

5	– dia of exhaust pipe – thickness of exhaust pipe – thickness and type of insulation Height of exhaust pipe should be as per local pollution control board (PCB) norms so as to obtain NOC from PCB	
6	List of tools normally supplied with the engine & alternator, free of cost. List to be enclosed separately	
7	List of spares normally supplied along with the engine & alternator, free of cost. List to be enclosed separately	

Signature of Bidder

Date:

Enclosure – 2

Technical Particulars of Acoustic Enclosure

Sr.no	Description	Bank's Specification	Tenderers offer
1	MS Sheet for main enclosure	Minimum 1.5 to 2mm thick	
2	Details of frame work	ISMC 100	
3	Details of acoustic material		
(a)	Type of wool	As per CPCB IV Norms	
(b)	Density of wool	As per CPCB iV Norms	
(c)	Thickness of wool	As per CPCB IV Norms	
(d)	Type of covering for the outer surface of wool	As per CPCB IV Norms	
(e)	Type of external covering to the acoustic material	MS, GI perforated sheets	
(f)	Gauge of sheet	Minimum 22 gauge	
(g)	Perforation in the sheet	40-60%	
4	Details of doors		
(a)	Number of doors	6 (minimum)	
(b)	Size of doors	As required	
(c)	Acoustic insulation for doors	As per CPCB Norms	
(d)	Locking system	Pressure locks from outside and bolts from inside	
5	Type of ventilation	Suitable to keep inside temperature approximately 5-6 deg. above ambient with DG set operating at full load and all doors closed.	
(a)	No. of fans	Suitable to keep inside temperature approximately 5-6 deg. above ambient with DG set operating at full load and all doors closed.	
(b)	Type of fans		
(c)	Capacity (CFM)		
(d)	Rating of motors		
6	Whether the sound level after reduction is within the acceptable limits prescribed by Pollution Control or Local Authority (Less than 65dB).	Yes/No.	

Signature of Bidder

Date:

Enclosure – 3

List of Preferred Makes

Sr. no.	Equipment	Make	Make offered by the Bidder
1.	Cable	Finolex/ Gloster /Polycab/ Universal/ NICCO/ CCI / Havells	
2.	Cable gland	Comet/Braco	
3.	Cable lugs	Siemens/Dowell/ Comet/ Braco	
4.	MCCB/CONTACTOR	L&T/ SIMENS/ Alstom/ ABB	
5.	Energy meter	L&T/Havells/ Siemens/ AE/ Meco/GE	
6.	Voltmeter/Ammeter	AE/Meco	
7.	CTs	Kappa/Pragati/ECS	
8.	Battery	Exide/Panasonic/ Amaraja	

Signature of Bidder

Date

Enclosure – 4

To

The AGM (i/c),

CSL-Kolkata Ship Repair Unit (CKSRU),

Dry Dock office building, Gate No. 9, Netaji Subhas Dock,

Circular Garden Reach Road, Kolkata – 24

We hereby confirm and declare that the Diesel Generator (DG) set offered under Tender Reference No. CSL/CKSRU/TEN/718/2026-27 dated 25 Nov 2026 sstrictly complies with all relevant and latest applicable national and international standards, including **IS / IEC / ISO** guidelines, as well as applicable CPCB (Central Pollution Control Board) emission and noise control norms.

We further undertake and confirm that:

1. **Latest Guidelines Compliance:** Should there be any amendments, revisions, or new notifications issued regarding CPCB emission or noise guidelines up to the official tender closing date, the offered DG set shall fully incorporate and comply with such revised guidelines without any deviation.
2. **Quality & Standard:** All components, control panels, safety systems, and acoustic enclosures supplied shall conform to the applicable safety, structural, and performance criteria stipulated under the governing IS/IEC/ISO standards.

Signature of Bidder

Date