



- **Indian Institute of Science (IISc)**
Bangalore – 560012 (www.iisc.ac.in)

NOTICE INVITING TENDER

under the two-cover bid format

for

**Supply and Installation of 320 KVA x
2 Diesel Generator Set with Sync
Panel, at Department of Physics
IISc, Bangalore**

Tender No: PH/GEN/606/2025-26

Date: 19th November 2025

The Chair
Department of Physics
Indian Institute of Science
Bangalore-560012

Email: office.phy@iisc.ac.in

This is a Request for Quote (RFQ) from domestic (India-based) vendors for the **Supply and Installation of 320 KVA x 2 Diesel Generator set with Sync panel at Department of Physics IISc Bangalore.**

Section 1 - Bid Schedule

1	Tender No	<i>PH/GEN/606/2025-26</i>
2	Tender Date	19.11.2025
3	Item Description	Supply of 320 KVA x 2 Diesel Generator set with sync panel at Department of Physics IISc Bangalore.
4	Tender Type	Two bid system (i) Technical Bid (Part A) (ii) Commercial Bid (Part B)
5	Place of tender submission	Prof. Jaydeep K Basu The Chair Department of Physics Indian Institute of Science, Bangalore-560012 Office Number: +91-080-2293 3334/2315
6	Pre-bid clarifications and on-site visit meeting.	26.11.2025 at 11.00 AM
7	Last Date & Time for submission of tender	10.12.2025 at 4.30 PM
8	For further clarification	Prof. Anindya Das Department of Physics Indian Institute of Science, Bangalore 560012 Number: +91-080-2293 2525 Email: anindya@iisc.ac.in

Section 2 – Eligibility Criteria

Prequalification criteria:

1. The Bidder's firm should have existed for at least ten years. Bidders should enclose the Company Registration Certificate.
2. The Bidder should belong to Class-1 or Class-2 suppliers distinguished by their "local content" as defined by recent edits to GFR. They should mention clearly which class they belong to in the cover letter.
 - a) Class-1 supplier: Goods and services should have local content equal to or more than 50%.
 - b) Class-2 supplier: Goods and services should have local content equal to or more than 20 % and less than 50%.
3. The quote should come only from an Indian Original Equipment Manufacturer (OEM) or their Indian authorized distributor.
4. The quotations should be on FOR-IISc Bangalore basis in INR only.
5. Bidders offering imported products will fall under the category of non-local suppliers. They cannot claim themselves as Class-1 local suppliers/Class-2 local suppliers by claiming services such as transportation, insurance, installation, commissioning, training, and other sales service support like AMC/CMC, etc., as local value addition.
6. Purchase preference, as defined by the recent edits to GFR (within the "margin of purchase preference"), will be given to the Class-1 supplier.
7. MSMEs can seek an exemption to some qualification criteria. IISc follows GFR2017 for such details.
8. The bidder should sign and submit the declaration for Acceptance of Terms and Conditions as per -Annexure 4.
9. The Bidder must not be blacklisted/banned/suspended or have a record of any service-related dispute with any organization in India or elsewhere. A declaration to this effect has to be given as per Annexure 3.
10. **AWARENESS OF SITE CONDITIONS AND CARRYING OUT OF SITE INSPECTION PRIOR TO TENDER SUBMISSION:**

Prior to the preparation and submission of this Tender, the Contractor shall make visits to the site and carry out all the necessary inspections and investigations in order to obtain all information and to make his own assessment of the conditions and constraints at site, including the means of access to it. The Contractor shall make himself aware of all the features of the site and the working conditions and space and shall, in general, be responsible for obtaining all the necessary and requisite information needed for him to prepare and submit his Tender.

11. The bidder should be either OEM (Original Equipment Manufacturer) or the authorized dealer of the Engine makes mentioned in the tender document.

Technical Criteria:

1. The bidder should have satisfactorily completed as a Prime contractor during the last seven years, ending March 2025 in PWD/CPWD/Railways/BSNL/MES//Central PSUs or any Government Department.
 - a) Work completion certificate for having completed work of similar nature of contract certified from the competent authority not below the rank of Executive Engineer or equivalent shall be uploaded. The work completion certificate shall mention the nature of work, items of work executed, the agreement number & date, the value of work, the date of commencement, the stipulated date of completion, the actual date of completion of the work and reason for delay (if any).
2. **The bidder should be either OEM (Original Equipment Manufacturer) or the authorized dealer of the Engine makes mentioned in the tender document.**

Financial Criteria:

3. The average annual financial gross turnover should be 30% of estimated cost in the last five years.
4. The minimum annual financial turnover for the two consecutive years should be 30% of estimated cost.
5. The bidder should not have incurred any loss in more than two years.
6. The average net worth of the bidder as of **2025-26** should be not less than 25% of estimated cost. Necessary certificates by the Chartered Accountant shall be submitted.
7. The bidder should not have been blacklisted by any State / Central Govt. Departments / BBMP / PSU/ Central PSUs/ Autonomous bodies / Institutions.
8. Information on works for which tenders have been submitted and ongoing works as on the date of this Tender.

Section 3 – Terms and Conditions

A) Submission of Tender:

1. All documentation in the tender should be in English.
2. Tenders should be submitted in two envelopes (a two-bid system).
 - a. Technical Bid (Part-A) – Technical bid consisting of all technical details and checklist for conformance to technical specifications.

The technical proposal should contain a technical compliance table with five columns.

- I. The first column must list the technical requirements in the order given in the technical requirement below.
 - II. The second column should provide instrument specifications against the requirement. Please provide quantitative responses wherever possible.
 - III. The third column should describe your compliance with a "Yes" or "No" only. Ensure that the entries in column 2 and column 3 are consistent.
 - IV. The fourth column should state the reasons/explanations/context for deviations, if any.
 - V. The fifth column can contain additional remarks from the OEM. You can use this opportunity to highlight technical features, qualify responses of previous columns, provide additional details, compare your solution with your competitors, or provide details as requested in the technical requirements table below.
 - b. Commercial Bid (Part-B) – Indicating item-wise price for the items mentioned in the technical bid, **as per the format of quotation provided in the tender** and other commercial terms and conditions.
3. The technical bid and price bid should be placed in **separate sealed covers**, superscribing the tender description, tender no., and the due date on both envelopes. Both these sealed covers are to be placed in a bigger cover, which should also be sealed and duly superscripted with the Tender No, Tender Description & Due Date.
4. The SEALED COVER should reach the Chairperson Office, Department of Physics, Indian Institute of Science, Bangalore – 560012, India, on or before the due date mentioned in the tender notice. If the due date is a holiday, the tender will be accepted on the next working day. If the quotation cover is not sealed, it will be rejected.
5. All queries are to be addressed to the person identified in "Section 1 – Bid Schedule" of the tender notice.
6. GST/other taxes, levies, etc., should be indicated separately. The BIDDER should mention GST Registration and PAN in the tender document.
7. If the price is not quoted in the Commercial Bid as per the format provided in the tender document, the bid is liable to be rejected.
8. The purchase committee reserves the right to accept or reject any bid and annul the bidding process and reject all bids at any time prior to the award of the contract without thereby incurring any liability to the affected bidder or bidders or any obligation to inform the affected bidder or bidders.

9. Incomplete bids will be summarily rejected.

B) Cancellation of Tender:

Notwithstanding anything specified in this tender document, the IISc purchase committee, in its sole discretion, unconditionally and without having to assign any reason, reserves the rights:

- a. To accept OR reject the lowest tender, any other tender, or all the tenders.
- b. To accept any tender in whole or in part.
- c. To reject the tender, offer not confirming the tender terms.

C) Validity of the Offer:

The offer shall be valid for 45 Days from the commercial bid's opening date.

D) Evaluation of Offer:

1. The technical bid (Part A) will be opened first and evaluated.
2. Bidders meeting the required eligibility criteria in Section 2 of this document shall only be considered for Commercial Bid (Part B) opening. Further, agencies not furnishing the documentary evidence as required will not be considered.
3. Prequalification of the bidders shall not imply final acceptance of the Commercial Bid. The agency may be rejected at any point during technical evaluation or commercial evaluation. The decision regarding acceptance and/or rejection of any offer in part or full shall be the sole discretion of IISc Bangalore, and the decision in this regard shall be binding on the bidders.
4. The contract award will be subject to acceptance of the terms and conditions stated in this tender.
5. Any offer which deviates from the vital conditions (as illustrated below) of the tender is liable to be rejected:
 - a. Non-submission of complete offers.
 - b. Receipt of bids after the due date and time or by email/fax (unless specified otherwise).
 - c. Receipt of bids in open conditions.
6. In case any BIDDER is silent on any clauses mentioned in these tender documents, IISc Bangalore shall construe that the BIDDER has accepted the clauses as of the tender, and no further claim will be entertained.
7. No revision of the terms and conditions quoted in the offer will be entertained after the last date and time fixed for receipt of tenders.
8. The lowest bid will be calculated based on the total price of all items tendered for the basic equipment, accessories selected for installation, operation, preprocessing and post-processing, optional items, recommended spares, warranty, and annual maintenance contract. The purchase committee seeks the most cost-effective solution for obtaining a new tool. Vendors are encouraged to propose all avenues, including but not limited to buyback of the existing tool, turnkey upgrade of existing to, l or purchase of a new tool.

E) Pre-requisites:

The bidder will provide the pre-requisite installation requirement of the equipment along with the technical bid.

F) Warranty:

The complete system must be under warranty for a minimum period of 1 year. The vendor should include the cost of any spares needed during the warranty period, including electronics, subcomponents, and software. If the instrument is defective, it has to be replaced or rectified at the bidder's cost within 30 days from receipt of written communications from IISc, Bangalore. If there is any delay in replacement or rectification, the warranty period should be extended.

G) Annual Maintenance Contract:

An annual maintenance contract for at least 3 years post-warranty should be provided as an essential, optional item upon completion of the warranty period.

The AMC costs will not be considered for classifying the vendor's domestic nature (class 1 or class 2) (see eligibility criteria in section 2).

H) SPARES:

Vendors must provide a detailed list of spares and a user manual with a detailed Bill of Materials for all Parts. It should include the Spares Column with the Manufacturer part Number, Qty, and availability of stock after 3 Years.

I) Purchase Order:

The quantity of the items in the tender is only indicative. IISc, Bangalore reserves the right to increase /decrease the quantity of the items depending on the requirement.

If the product and service quality is unsatisfactory, IISc, Bangalore reserves the right to cancel or amend the contract.

J) Delivery, Installation, and Training:

The bidder shall provide the lead time to delivery, installation, and made functional at IISc, Bangalore, from the date of receipt of the purchase order. The system should be delivered, installed, and functional within 120 days of receipt of the purchase order. The supply of the items will be considered as effected only on satisfactory installation and inspection of the system and the inspection of all the items and features/capabilities tested by the IISc, Bangalore. **For acceptance, the vendor must demonstrate the technical specifications mentioned in the tender.** After successful installation and inspection, the date of taking over the entire system by the IISc, Bangalore, shall be taken as the start of the warranty period. **No partial shipment is allowed.** The bidder should also arrange for technical training for the local facility technologists and users.

K) Payment Terms:

100% payment (except AMC) will be released after completion of delivery, satisfactory installation, and qualification, subject to TDS as per rules. AMC cost (if ordered after completion of the warranty period) will be released on a half-yearly basis at the end of every six months, subject to satisfactory services. The price basis must be on FOR-IISc Bangalore basis only. As per GFR, no advance payment can be made to domestic vendors unless an equal amount of bank guarantee is provided.

L) Statutory Variation:

Any statutory increase in the taxes and duties subsequent to the bidder's offer, if it takes place within the original contractual delivery date, will be borne by IISc, Bangalore, subject to the claim supported by documentary evidence. However, if any decrease occurs, the advantage will have to be passed on to IISc, Bangalore.

M) Disputes and Jurisdiction:

Any legal disputes arising from any breach of contract pertaining to this tender shall be settled in the court of competent jurisdiction in Bangalore, India.

N) General:

1. All amendments, time extensions, clarifications, etc., within the tender's submission period, will be communicated electronically. No extension of the bid due date/time shall be considered due to a delay in receipt of any document(s) by mail.
2. The bidder may furnish any additional information necessary to establish capabilities to complete the envisaged work successfully. It is, however, advised not to furnish superfluous information.
3. With prior intimation, the bidder may visit the installation site before tender submission.
4. Any information furnished by the bidder found to be incorrect, immediately or later, would render the bidder liable to be debarred from tendering/taking up work in IISc, Bangalore

Section 4 – Technical Specifications

The specifications have to be demonstrated during system installation and acceptance.

Supply of 320 KVA Diesel Generator at Department of Physics IISc Bangalore.			
SI No	Description	Unit	Qty.
1	Supply of 320KVA Diesel Generating Set - Comprising of Engine & Alternator Safety Controller with Standard Panel having MCCB, Internal Diesel Tank, Batteries, CPCB iV Acoustic Enclosure complete as per Specifications. The Alternator should be suitable for Synchronizing operation. Transportation, Installation & commissioning of DG Set	No	2
2	Supply, Fabrication & Installation of Exhaust Piping with Cladding, Silencer Cladding along with necessary MS Structure of height 7mts	LS	1
3	Supply of Indoor DG Incomer cum Synchronizing Panel for 2 x 320KVA DG Sets (Comprising of 02No's. 800A ACB for DG I/c. 1250A ACB for O/G, MFM, ELR, Woodward Easygen 2000 Auto Sync Relay, Battery Charger, relays, contactors, MCB's, suitable rating Al. Bus-bar, Meters, Indicating lamps, CT's with all necessary accessories, wiring)	No	1
4	Supply of Power Cables -		
a.	2 x 320KVA DG to Sync Pnl – Al Cable – 2 x 2R x 3.5C x 240sqmm	Mt	200
b.	Sync Panel to Main I/c Panel – Al Cable - 3R x 3.5C x 300 sqmm	Mt	75
5	Supply of Copper Control Cable	Mt	300
6	Earthing for grounding of equipment's using GI Pipe, GI Plate & Strips, Copper Plate & Strips		
a.	GI Earthing - DG BE & Panel	No	6
b.	Cu Earthing - DG NE	No	4
7	Supply of Gland Lugs	Set	14
8	Civil Works - Foundation for DG Sets, Sync Panel, Exhaust Structure Details can be discussed in the pre-bid meeting after the site inspection.	Job	1
	Digging of trench for cables, Laying of cables in trench / duct & refilling, Earth Pit excavation, Earthing chamber construction, termination & connection, Cement concrete chipping, necessary civil work including of plastering for interlinking of cable duct / trench, providing PVC / GI Pipe as required, Cable termination, Panel Transportation positioning, commissioning	Job	1

Section 5- Technical Bid

The technical bid should furnish all requirements of the tender along with all annexures in this section and be submitted to:

To Prof. Jaydeep K Basu
The Chair,
Department of Physics
Indian Institute of Science,
Bangalore 560012
Office Number: +91-80-2293 3334/2315

Annexure-1:

Details of the Bidder

The bidder must provide the following mandatory information & attach supporting documents wherever mentioned:

Details of the Bidder

Sl. No	Items	Details
1.	Name of the Bidder	
2.	Nature of Bidder (Attach an attested copy of the Certificate of Incorporation/ Partnership Deed)	
3.	Registration No/Trade License (attach attested copy)	
4.	Registered Office Address	
5.	Address for communication	
6.	Contact Person: Name and Designation	
7.	Telephone No	
8.	Email ID	
9.	Website	
10.	PAN No. (attach copy)	
11.	GST No. (attach copy)	

Signature of the Bidder

Name

Designation, Seal

Date:

Annexure-2:

Declaration regarding experience

To,
The Chair,
Department of
Physics,
Indian Institute of
Science, Bangalore –
560012, India

Ref: Tender No: *PH/GEN/606/2025-26*

Date: 19th November 2025

Dated:

Sub: Supply of 320 KVA Diesel Generator

Dear Sir/Madam

I have carefully reviewed the Terms & Conditions in the above-referred tender. I hereby declare that my company/firm has
----- years of experience
in
supplying and installing the proposed equipment.

(Signature of the
Bidder) Printed
Name Designation,
Seal Date:

Annexure-3:

Declaration regarding track

record To,
The Chair,
Department of
PHYSICS
Indian Institute of
Science, Bangalore –
560012, India

Ref: Tender No: *PH/GEN/606/2025-26*

Date: 19th November 2025

Sub: Supply of 320 KVA Diesel Generator

Dear Sir/Madam,

I have carefully reviewed the Terms & Conditions in the above-referred tender. I hereby declare that my company/ firm is not currently debarred/blacklisted by any Government / Semi-Government organizations/institutions in India or abroad. I further certify that I am a competent officer in my company/firm to make this declaration.

I declare the following

Sl.No	Country in which the company is Debarred /blacklisted / case is Pending	Blacklisted/debarred by Government / Semi-Government/Organizations /Institutions	Reason	Since when and for how long
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(NOTE: In case the company/firm was blacklisted previously, please provide the details regarding the period for which the company/firm was blacklisted and the reason/s for the same).

Yours faithfully
(Signature of the
Bidder)

Name
Designation,
Seal

Date:

Annexure – 4:

Declaration for acceptance of terms and conditions

To,
The Chair,
Department of
PHYSICS
Indian Institute of
Science, Bangalore –
560012, India

Ref: Tender No:
PH/GEN/606/2025-26
Date:19th November 2025

Dear Sir/Madam,

I have carefully reviewed the Terms & Conditions mentioned in the above-referred tender document. I declare that all the provisions of this tender document are acceptable to my company. I further certify that I am an authorized signatory of my company and am, therefore, competent to make this declaration.

Yours faithfully,

(Signature of the
Bidder) Name
Designation, Seal

Date:

Annexure – 5:

Details of items quoted:

- a. Company Name
- b. Product Name
- c. Part/Catalogue number
- d. Product Description/main features
- e. Detailed technical specifications
- f. Remarks

Instructions to bidders:

1. Bidder should provide technical specifications of the quoted product/s in detail.
2. Bidder should attach product brochures along with the technical bid.
3. Bidders should clearly indicate compliance or non-compliance with the technical specifications provided in the tender document.

Section 7 – Checklist

(This should be enclosed with a technical bid- Part A)

The following items must be checked before the Bid is submitted:

1. Sealed Envelope "A": Technical Bid

1. **Section 5- Technical Bid (each page signed by the authorized signatory and sealed) with the below annexures:**
 - a. **Annexure 1: Bidders details**
 - b. **Annexure 2: Declaration regarding experience**
 - c. **Annexure 3: Declaration regarding clean track record**
 - d. **Annexure 4: Declaration for acceptance of terms and conditions**
 - e. **Annexure 5: Details of items quoted**
2. **Copy of this tender document duly signed by the authorized signatory on every page and sealed.**

2. Sealed Envelope "B": Commercial Bid

Section 6: Commercial Bid

Your quotation must be submitted in two envelopes: **Technical Bid (Envelope A) and Commercial Bid (Envelope B)**, superscribing on both the envelopes with, Tender description, Tender No. and due date and both of these in sealed covers and put in a bigger cover which should also be sealed and duly super scribed with Tender No., Tender description & Due Date.