

# **NOTICE INVITING TENDER**

**Through**

**E-Procurement**

**For**

**Supply, Installation, Commissioning and testing of 3 Nos of fully automatic  
125KVA Silent DG Set (Diesel Generator) with water proof acoustic  
enclosure at IIIT Srikakulam, S.M.PURAM (V), Etcherla (M), Srikakulam  
(D)**

**Proprietary & Confidential**



**RAJIV GANDHI UNIVERSITY OF KNOWLEDGE**

**TECHNOLOGIES-AP**

**IIIT SRIKAKULAM**

**S.M.PURAM(V), Etcherla (M), Srikakulam (D), 532402**

OFFICER INVITING TENDERS :  
Srikakulam

Administrative Officer, IIIT-

**Name of Work: - Supply, Installation, Commissioning and testing of 3 Nos of fully automatic 125KVA Silent DG Set (Diesel Generator) with water proof acoustic enclosure at IIIT Srikakulam, S.M.PURAM (V), Etcherla (M), Srikakulam (D)**

**E.M.D Amount: - Rs. 1,00,000.00**

1. Tenders are invited on the e-procurement platform for the above -mentioned work from the reputed manufacturer /authorized representatives of the manufacturer/Whole sale dealers. The details of Tender conditions and terms can be downloaded from the electronic procurement platform of Government of Andhra Pradesh i.e. [www.apecprocurement.gov.in](http://www.apecprocurement.gov.in)
2. Manufactures would be required to register on the e-Procurement Market place “www.apecprocurement.gov.in” and submit their bids online. The department will not accept any bid submitted in the paper form.
3. Non refundable Processing fee of **Rs.10,000/-** to be paid by way of crossed demand draft drawn in favour of Director, RGUKT, IIIT-Srikakulam
4. Scanned E.M.D.and Processing fee may be uploaded with the bids and originals must be submitted to the Administrative Officer, IIIT Srikakulam so as to reach before 3.00 PM on the date of opening of price bid either personally or through courier or by post and the receipt of the same within the stipulated time shall be the responsibility of the tenderer. Failure to furnish the original DD towards EMD and DD for Processing fee before 3.00 PM on price bid opening date will entail rejection of bid and blacklisting.
5. Period of completion of work: The DG Sets shall be commissioned and handed over within 08 weeks from the date of issue of Letter of Award.
6. The tenderers can view/ down load the tender documents from the 'e' market place.

**Time schedule of various tender related events**

Bid calling date	31 .03.2018
Bid Documents Downloading Start date	31 .03.2018
Pre Bid Meeting Date	09.04.2018 at 11:00AM
Bid Document Downloading End Date	16.04.2018 till 05:00 PM
Last date for uploading of online documents	16.04.2018 at 05:30 PM.
Last date for Hard Copies submission of EMD, Document Fee, Pre-qualification documents and other necessary documents. (scanned copies)	17.04.2018 at 04:00 PM
Pre-qualification & Technical Bid opening date/time	18.04.2018 at 10:00 AM.
Price Bid opening date/time	18 .04.2018 at 11:00 AM
Contact person	Administrative Officer, IIIT Srikakulam
Reference No	Ref. No: IIIT SKLM/RGUKT-AP/E-Proc/Generator/T12 /2018

## CLARIFICATIONS:

- i. Queries if any can be clarified in the Pre-Bid meeting which is scheduled on 09/04/2018 at 11am seminar hall, Prefab campus, IIIT-NUZVID. The bidders are requested to submit the queries in following format on official letter head of the company, on the date of pre-bid meeting.

S. No.	Page No. (Tender Ref.)	Clause (Tender Ref.)	Description (Tender Ref.)	Query

- ii. The addendum/corrigendum if any shall be published on RGUKT-AP website i.e. [www.rgukt.in](http://www.rgukt.in) as well as on e-procurement platform <https://tender.apecurement.gov.in>.
- iii. The Bidders are requested to submit the bids after issue of clarifications duly considering the changes made if any. Bidders are totally responsible for incorporating/complying the changes/ amendments made by IIIT Srikakulam, RGUKT-AP.

Note: The dates stipulated above are firm and under no circumstances they will be relaxed unless otherwise extended by an official notification or happen to be Public Holidays.

### 7. Procedure for submission of Tenders :

- Tenderers need to contact Administrative Officer, IIIT Srikakulam for information on e-Procurement.
- Tenderers need to register on the electronic procurement market place of Government of Andhra Pradesh i.e., “[www.apecurement.gov.in](http://www.apecurement.gov.in)”. On registration on the e-Procurement market place they will be provided with a user id and password by the system through which they can submit their tenders online.
- While registering on the e-procurement market Place, tenderers need to scan and upload the required documents as per the Tender requirements onto their profile.
- Such uploaded documents pertaining to Technical Bid need to be attached to the tender while submitting the tenders online. The original DD towards EMD and processing fee should be submitted to the Administrative Officer, IIIT Srikakulam.

### 8. Qualification Requirements: To qualify for consideration of award of the contract each tenderer should fulfill the following criteria;

- The details and certificates are to be furnished as per the Proforma available in the tender schedules.
- The manufacturer shall furnish a copy of valid GST registration with Commercial Tax department and latest Commercial Taxes Clearance Certificate.
- The manufacturer should furnish copy of permanent account number (PAN) and copy of latest Income Tax returns submitted along with proof of receipt etc..
- The Manufacturer should submit details of existing Sales Details as per the Proforma available in the tender schedules.
- Non refundable Processing fee of Rs.10,000/- to be paid by way of crossed demand draft drawn in favour of Director, RGU IIIT Srikakulam.
- Transaction fee of Rs.       /- [(@0.03% of ECV (estimate contract value) with a cap of Rs.10,000/- + service tax @ 15.00%on transaction fee)] shall be payable to the Managing Director, APTS, Hyderabad in the manner mentioned at 5(b) above.
- EMD for Rs.1,00,000/- in favour Director, RGUKT, IIIT Srikakulam to be valid for 6Months from the date of NIT.

- h. Information on Litigation history as per Statement – II, The tenderer should submit the particulars preferably in the format specified in the tender schedule along with necessary certificates.
- i. The tenderer is subjected to be black listed and the EMD forfeited, if he is found to have misled or furnished false information in the forms / statements / certificates submitted in proof of qualification requirements or record of performance such as abandoning of work not properly completed in earlier contracts, inordinate delays in completion of the works, litigation history and / or financial failures and /or participated in the previous tendering for the same work and had quoted unreasonable high bid prices
- j. Even while execution of the work, if found that the manufacturer had produced false/fake certificates of experience he will be black listed and the contract will be terminated under clause 60 (a) of PS to APSS.
- k. The Tenderer should submit signed undertaking of tender online.

#### 9. Procedure for Tender Submission

- a. The Tenderers who are desirous of participating in e-procurement shall submit their Technical bids, price bids etc., in the Standard formats prescribed in the Tender documents, displayed at e-market place. The tenderers should upload the scanned copies of documents in support of their Technical bids. The bidders shall sign on all the statements, documents, certificates, uploaded by them, owning responsibility for their correctness / authenticity.
- e. After uploading the Technical bid / Price bid, the original Demand Drafts in respect of Processing fee and EMD (except the Price bid / offer) are to be submitted by the tenderer to the Administrative Officer, , IIIT Srikakulam ,Prefab Campus, IIIT NUZVID , Nuzvid, Pin code:521202 before 17.04.2018 4PM.
- b. The Corporation shall not hold any risk on account of postal delay or non receipt.
- c. The Corporation will not hold any risk and responsibility for the loss in transit during uploading of the scanned document, for the invisibility of the scanned document online, and any other problem(s) encountered by the Tenderers while submitting his bids online.
- d. The tenderers shall authenticate the bid with his digital certificate for submitting the bid electronically on e-Procurement platform and the bids not authenticated by digital certificate of the bidder will not be accepted on the e-Procurement platform.

#### 10. General Terms & Conditions

Officer inviting tenders: Administrative Officer, IIIT-Srikakulam

- a. Should be authorized OEA /M/AD (Original Equipment assembler / Manufacturer /Authorized Dealer) of one or more reputed make of engine and alternators.**
- b. a) Processing fee: A Demand Draft (non-refundable) for Rs.10,000/- in favour of Director, RGUKT IIIT, Srikakulam. The Processing fee once received will not be refunded under any circumstances nor adjusted for other works or subsequent calls or on any other account.
- b) All the participating tenderers should pay a Transaction fee of Rs. [(@0.03% of ECV (estimate contract value) with a cap of Rs.10,000/- + service tax @ 15.00%on

transaction fee)] shall be payable to the Managing Director, APTS, Hyderabad in the manner mentioned at 5(b) above.

- c. a) E.M.D. for Rs.100000/- drawn in favour of Director, RGUKT IIIT, Srikakulam Scanned Processing fee and E.M.D. may be uploaded with the tenders and originals must be submitted to the Administrative Officer, IIIT Srikakulam ,Prefab Campus, IIIT NUZVID , Nuzvid, Pin code:521202 before 17.04.2018 4PM. through Registered post / Courier. Failure to furnish the original DDs towards EMD and Processing fee before price bid opening date will entail rejection of bid and blacklisting.
  - d. Period of completion of work: 8 WEEKS
  - e. Tender Schedules: Tender schedules can be downloaded from the Web site “www.eprocurement.gov.in”
  - f. Form of Contract: The work awarded by this specification shall be treated as an indivisible works contract.
  - g. List of Documents to be uploaded are given in Documents details with self attestation )
11. The technical bid evaluation of the tenderers will be done on the certificates /documents uploaded through online only towards qualification criteria furnished by them.
  12. After uploading the Technical bid / Price bid, the original Demand Drafts in respect of Processing fee and EMD (except the Price bid / offer) are to be submitted by the bidder to the Administrative Officer, , IIIT Srikakulam ,Prefab Campus, IIIT NUZVID , Nuzvid, Pin code:521202 before 17.04.2018 4PM.The tenderer is subject to be disqualified, if he is found to have misled or furnished false information in the forms / statements/ certificates submitted in proof of qualification requirements or record of performance such as abandoning completion of the works, litigation history and or financial failures and or participated in the previous tendering for the same work and has quoted unreasonable high bid price.
  13. Even while execution of the work, if found that the manufacturer had produced false / fake certificates of experience, he will be black listed and the contract will be terminated as per clause 60(a) of PS to APDSS and his EMD will be forfeited.
  14. Any other condition regarding receipt of tenders in conventional method appearing in the tender documents may please be treated as not applicable.
  15. The manufacturers are requested to upload the information's in Zip format preferably.
  16. Transaction fees: A transaction fee at 0.10% of the estimate contract value of the work towards service charges has to be paid by successful bidder at the time of concluding agreement in the form of Demand draft as follows in favour of :
    - 1) Managing Director, APTS, Rs.                      /- (@ 0.04% of estimate contract value with a cap of Rs.10,000/-)
    - 2) Director RGUKT, IIIT Srikakulam Rs.                      /-,@ 0.06% of estimate contract value)
- IMPORTANT NOTE:**  
After uploading the Technical bid / Price bid, the original Demand Drafts in respect of Processing fee and EMD are to be submitted by the bidder to the Administrative Officer, IIIT Srikakulam, Prefab Campus, IIIT NUZVID , Nuzvid, Pin code:521202 before 17.04.2018 4PM.

The intending tenderer should fulfill the following requirements:-

- (i) Should be authorized OEA/M/AD (Original Equipment Assembler/Manufacturer/Authorised Dealer) of one or more reputed make of engine and alternators.

- (ii) Completed three works of not less than Rs.10 Lakh each and each work should involve D.G. Sets of capacity not less than 100 KVA during last five years
- iii) should have valid Income Tax Clearance Certificate & valid Trade Tax Registration Certificate as well as Trade Tax Clearance Certificates.
- (iv) Should have authorized servicing centre of complete D.G. Set in A.P.
- (v) Should have valid Type Approval and Conformity of Production Certificates (COP) for emission limits for the engine and for noise limit for D.G. sets as applicable.

## **Tender Document**

**Supply, Installation, Commissioning and testing of 3 Nos of fully automatic 125KVA Silent DG Set (Diesel Generator) with water proof acoustic enclosure at IIIT Srikakulam, S.M.PURAM (V), Etcherla (M), Srikakulam (D)**

### **1. SCOPE**

The Administrative officer, IIIT SRIKAKULAM invites sealed tenders for supply of 3 Nos of 125 KVA D.G. Sets. The specifications covers manufacture, testing as may be necessary before dispatch, delivery at site, all preparatory works at site, assembly and installation, commissioning, putting into operation and final testing, and other conditions for supply of 125 KVA Silent D.G. Set (Diesel Generator). The Annexure – „I“ & „II“ give the details of Technical Specifications and work & supply, respectively.

### **2. LOCATION**

The generator set shall be installed at the premises of IIIT SRIKAKULAM Campus, 21<sup>st</sup> century gurukulam, S.M.PURAM (V), Etcherla (M), Srikakulam (D) on a platform at least 2 feet high (to be constructed by the bidder/tenderer). The tenderer can visit the premises in any working day during working hours and contact Administrative officer, IIIT Srikakulam to see proposed location for the generator set.

### **3. TYPE OF CONTRACT**

The work awarded by this specification shall be treated as an indivisible works contract.

### **4. MODE OF SUBMISSION OF TENDER**

I. The tender shall be submitted in three separate sealed covers, duly completed in all respects viz. One for “Earnest Money”, the second for “Technical Bid” and the third for “Price Bid”. The name of the work and the words “Earnest Money”, “Technical Bid only” and “Price Bid only”, shall be clearly written on the top of the respective sealed covers. All the above three sealed covers, along with the letter for submitting tender (Annexure - IV), shall be put in a sealed cover and the name of the work “Supply, Installation, Commissioning and testing of 3 Nos of fully automatic 125KVA Silent DG Set (Diesel Generator) with water proof acoustic enclosure at IIIT Srikakulam, S.M.PURAM (V), Etcherla (M), Srikakulam (D)” shall be clearly written on top of the sealed cover.

#### Procedure for Tender Submission

- A The Tenderers who are desirous of participating in e-procurement shall submit their Technical bids, price bids etc., in the Standard formats prescribed in the Tender documents, displayed at e-market place. The tenderers should upload the scanned copies of documents in support of their Technical bids. The bidders shall sign on all the statements, documents, certificates, uploaded by them, owning responsibility for their correctness / authenticity.
  - B After uploading the Technical bid / Price bid, the original Demand Drafts in respect of Processing fee and EMD (except the Price bid / offer) are to be submitted by the tenderer to the Administrative Officer, so as to reach before 3.00 PM on the date of opening of the price bid. The Corporation shall not hold any risk on account of postal delay or non receipt.
  - C The Corporation will not hold any risk and responsibility for the loss in transit during uploading of the scanned document, for the invisibility of the scanned document online, and any other problem(s) encountered by the Tenderers while submitting his bids online.
  - D The tenderers shall authenticate the bid with his digital certificate for submitting the bid electronically on e-Procurement platform and the bids not authenticated by digital certificate of the bidder will not be accepted on the e-Procurement platform.
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- a. All the documents as mentioned in clause 2, i.e. from 2 (i) to (vi) at pages 1 and 2 of this tender document for fulfilling the eligibility criteria.**
  - b. Deviation, if any, from technical specification as per schedule – ‘C’.**
  - c. List of recommended spares as per schedule – ‘D’**
  - d. Complete technical details as per schedule – ‘E’**
  - e. List of tools to be supplied as per schedule – ‘F’**
  - f. Address of manufacturer’s premises as per schedule – ‘G’**
  - g. Installation programme as per schedule – ‘H’**
  - h. Any other information as per schedule – ‘I’**
  - i. Preferred makes of equipment as per schedule – ‘J’**
  - j. The tenderer shall also submit along with his tender, in respect of items wherein make is not specified, a list mentioning the names of the manufacturers of specialized items which he proposes to use in the work, if his tender is accepted.**

#### IV. Sealed tenders should be addressed to:

THE Administrative officer,  
IIIT Srikakulam  
Pre fab Campus  
IIIT Nuzvid  
Nuzvid  
521202



V. The tender shall be submitted in sealed envelope on or before **14/04/2018** by post or by hand by 04.00 pm. at , **The Administrative officer IIIT Srikakulam ,Prefab Campus, IIIT NUZVID , Nuzvid, Pin code:521202** No tender will be received after 04.00 p.m. on above mentioned day under any circumstances whatsoever.

VI. a) Any tender, with any of the documents not attached or signed will be rejected.

b) The tender submitted on behalf of a firm shall be signed by all the partners of the firm or by a partner who has the necessary authority on behalf of the firm to enter into the proposed contract otherwise the tender is liable to be rejected.

c) The tender form must be filled in English or Hindi and all the entries must be made by hand and written in ink. If any document is missing, or unsigned, the tender will be considered invalid.

d) All erasures and alterations made while filling the tender must be attested by initials of the tenderer. Overwriting of figures is not permitted; failure to comply with either of these conditions will render the tender void. No advice of any change in rate or conditions after opening of the tender will be entertained.

VII. Intending tenderers shall pay as earnest money Rs. 1,00,000.00 of the bid amount by bank draft drawn in favor of the DIRECTOR, IIIT SRIKAKULAM. A tender which is not accompanied by earnest money will not be considered. The earnest money will be returned to the tenderer same day after opening of tender if his/its tender is not accepted. No interest will be payable.

**5.** Technical bids of only those tenderers will be opened, who submitted the earnest money in the prescribed manner.

**6.** The price bid of only those tenderers will be opened whose technical bids are found to be acceptable.

**7.** The Director, IIIT Srikakulam for purchase of Generator Sets does not bind itself to accept the lowest or any tender, and reserves to itself the right to accept or reject any or all the tenders, either in whole or in part without assigning any reason for doing so. Even if the tender is accepted by the Committee, the Director, IIIT Srikakulam shall have the right to reject the same without assigning any reason. Final authority for accepting the tender is the Director, IIIT Srikakulam.

## **8. PRICES**

Prices quoted shall be firm and shall be without escalation for a period of 120 days from the date of opening of tenders.

## **9. BREAK UP OF PRICES**

In addition to indicating the lump-sum price for the works contract as a whole vide schedule – “A”, the tenderer shall also indicate the break-up of the lump sum price for the items as per schedule – “B”.

#### **10. TAXES AND DUTIES**

Central/State sales tax/works contract tax/excise duty etc should be included in the rates tendered. Statutory deduction of tax if applicable at source will be made while releasing payment through running/final bills. A certificate specifying the rate and amount of deduction will however be issued. No form – „D“ or road permit will be issued by the Director, IIIT Srikakulam. The road permit shall be arranged by the manufacturer at his own cost.

#### **11. VALIDITY**

Tenders shall be valid for acceptance for a period of 120 days from the last date of receiving them. In other words the prices quoted in the tender document shall be valid for a period of 120 days from the date of acceptance of tender and the tenderer shall be bound to start the work at that price if asked to do so within this period of 120 days.

#### **12. DELIVERY**

The DG Set shall be commissioned and handed over within 08 weeks from the date of issue of Letter of Award.

#### **13. TERMS OF PAYMENTS**

1.60% of the total cost of the work, on receipt of materials in good condition at site after inspection by the Director, IIIT Srikakulam.

2.30% of the total cost of the work on Erection, Commissioning and Testing and acceptance thereof by the Director, IIIT Srikakulam.

3.Balance 10% of the total cost of the work will be paid at the end of the warranty/guarantee period described in clauses 41 & 42 will be treated as a security deposit. However if the bidder furnishes Bank Guarantee of 10% valid for two year, the balance 10% shall be released after Commissioning & Testing of the Diesel Genset.

The tenderer must obtain for itself on its own responsibility and at his own expenses, all the information which may be necessary for the purpose of making a tender and for entering into the contract and must examine the site and must consider and inspect the site of the work and acquaint himself with all local conditions, means of access to the work, nature of the work and all matters pertaining thereto and influencing its rates for the work.

#### **14. COMPLETENESS OF TENDER**

All fittings, unit assemblies, accessories, hardware, foundation bolts, terminal legs for electrical connection, cable glands and miscellaneous materials or accessories or item of work which are useful and necessary for efficient assembly work of the equipment shall be

deemed to be included in the tender within the overall cost quoted. The equipment shall be complete in all details whether such details are mentioned or not.

#### **15. DEVIATION FROM SPECIFICATION**

Should the tenderer wish to deviate from the provision in the specification, he should list such deviations in schedule – „C“, appended to the specification and submit full particulars and reasons for the deviations. Unless this is done, the equipment shall be considered to comply in every respect with this specification.

#### **16. PERFORMANCE SECURITY**

Within 10 days from the date of issue of letter of award, the successful tenderer shall submit a performance security by demand draft in favour of Director, IIIT Srikakulam for an amount equivalent to 5% of the tendered amount. Failure of the successful tenderer to comply with the above requirement i.e. deposition of performance security, the letter of award will be treated as cancelled & the earnest money deposited, will be forfeited. The performance security will be released only after satisfactory completion of work & submission of report thereof.

#### **17. SECURITY DEPOSIT**

10% of awarded value, in addition to security deposit made by successful tenderer, will be retained as a security deposit for defect liability for a period of 24 months and shall be released at the end of warranty/guarantee period.

#### **18. AGREEMENT**

Within seven days from the date of issue of letter of award from the Director, IIIT Srikakulam after acceptance of its tender, the successful tenderer shall be bound to execute the contract by signing in accordance with the draft agreement (Annexure - III) and schedule of conditions. But written acceptance by the Director, IIIT Srikakulam of the tender will constitute binding of contract between the Director, IIIT Srikakulam and the successful tenderer whether such formal contract is subsequently entered into or not.

#### **19. DATA MANUAL AND DRAWINGS TO BE FURNISHED BY THE TENDERER**

##### **With Tender:**

The tenderer shall furnish along with the tender, detailed technical literature, pamphlets and performance data to evaluate the offer.

##### **After award of work:**

i) The successful tenderer would be required to submit the following drawings within a week of award of work for approval/consent of the Director, IIIT Srikakulam before commencement of installation work:

- ☐ General arrangement drawing of the equipment with acoustic enclosure, in accordance with the site with complete dimensions.
- ☐ Details of foundations for the equipment and the weight of assembled equipment.
- ☐ Plumbing layout complete with accessories for suction and delivery of water or its circulation.
- ☐ Control layout and schematic drawing.
- ☐ Electrical layout and schematic drawing along with physical arrangement drawings of switch /control board including size and capacity of equipment/cables proposed to be used.
- ☐ Layout of engine exhaust pipe/chimney.
- ☐ Underground laying of electric supply cable to buildings.
- ☐ Any other drawing necessary for the job.

ii) The supplier would be required to submit the detailed work programme within a week of award of work for approval/consent of Engineer incharge, before commencement of the installation work.

iii) The supplier should furnish, within a week of award of work, three copies of detailed instructions and manuals of manufacturers for all items of equipment regarding installation, adjustments, operation and maintenance together with all the relevant data sheets, spare parts catalogue and workshop procedures for repairs, assembly and adjustment etc. all in triplicate.

## **20. TEST CERTIFICATE**

Copies for all documents of routine test certificates of the major equipment like engine, alternator, gensets etc, carried out and copy of type approval certificate obtained for noise norms is also required to be submitted to the Administrative officer, IIIT Srikakulam, by the supplier.

## **21. PRE DELIVERY PERFORMANCE TEST**

The supplier will be required to carry out pre delivery performance tests including sound level test as per tender specifications at his own cost as required. The supplier shall also provide all facilities for the Administrative officer, IIIT Srikakulam or their representative to witness such tests as may be desired by him and furnish advance notice regarding conductance of test.

## **22. MODE OF DISPATCH OF MATERIAL**

Consignments may be sent by road to the site.

## **23. CONSIGNEES ADDRESS**

All materials may be consigned to the following address, freight paid and duly insured at the cost of the supplier.

**Address of Consignee:**

THE DIRECTOR  
IIIT SRIKAKULAM  
S.M.PURAM (V),  
ETCHERLA (M),  
SRIKAKULAM (D) – 532402.

**24. INSURANCE AND STORAGE**

All consignments are to be duly insured up to the destination from warehouse to warehouse at the cost of the supplier. The insurance cover shall be valid till the equipment is Installed, Tested, Commissioned and Handed Over.

**25. VERIFICATION OF CORRECTNESS OF EQUIPMENT AT DESTINATION**

The supplier shall have to produce all the relevant records to certify that the genuine equipment from the manufacturers has been supplied and erected.

**26.** The supplier shall not assign or sublet any portion of the work except with written consent of the Director, IIIT Srikakulam, failing which Director, IIIT Srikakulam may serve a notice in writing rescinding the contract, whereupon the security deposit shall stand forfeited and at absolute disposal of the Director, IIIT Srikakulam

**27.** The supplier shall not be entitled to any compensation for any loss suffered by him on account of delay in commencing or executing the work whatsoever the cause of delay may be, including delays arising out of modification of the work entrusted to him or any sub-contracts connected therewith or delays in awarding contracts for other trades of the project or in commencement or completion of such works or in procuring Govt. controlled or for any other reason, whatsoever and the Director, IIIT Srikakulam does not accept liability for any sum besides the tender amount subject only to such variations as may be provided for herein.

**28.** All compensation or other sums of money payable by the supplier to the the Director, IIIT Srikakulam, under the terms of this contract, shall be deducted from its earnest money and the security deposit if the amount so permits and the supplier shall, unless such deposit has become otherwise payable, within ten days after such deduction, make good in cash the amount so deducted.

**29.** The supplier must co-operate with the the Director, IIIT Srikakulam /Engineer in charge and its decisions so that the work shall proceed without any delay and to its satisfaction.

**30.** The supplier shall also submit the wage schedule for all classes of labourers required in the work, for information and necessary action. The responsibility for safety of labourers and

compensation payable to them in case of any mis-happening shall be solely that of the tenderer and neither the Director, IIIT Srikakulam nor any employee nor officer of the Civil and Sessions Court shall be liable for any injury or mishap to anybody due to work assigned to tenderer.

### **31. SPARES**

The supplier shall offer unit prices separately for such spare parts and accessories which he recommends as necessary for 01 year or 600 running hours operation and maintenance vide schedule – „D“. The Director, IIIT Srikakulam reserves the right, however, to order any of these spares or increase or decrease the quantity as it may finally decide at the rate given in the tender during the currency of the contract. The value of spares will not be taken into account while evaluating the lowest tender.

**32.** The tenderer should also mention the AMC chargers (not to be included in cost of work) for the next 05 years after warranty period of 24 months from the date of commissioning.

### **33. TOOLS**

The offer shall also include a set of tools required for operation and maintenance as per schedule – „F“, to be supplied free of cost by the supplier.

### **34. COMPLIANCE WITH REGULATIONS AND INDIAN STANDARDS**

a) All works shall be carried out in accordance with relevant regulations, both statutory and covered by this specification. In particular, the equipment and installation shall comply with the following:

- i) Regulations under Factories Act.
- ii) Regulations under Indian Electricity Act/ U.P. State Energy Regulation Act.
- iii) B.I.S. standards, as applicable.
- jjj) iv) Workman's Compensation Act.
- v) Environmental Protection Act, 1986 with up to date amendments.

Wherever any foreign standard is, specifically, applicable it shall be indicated by the supplier in the offer itself.

b) Nothing in this specification shall be construed to relieve the supplier of his responsibility for the design, manufacture and installation of the equipment with all accessories in accordance with currently applicable statutory regulation and safety codes.

c) Supplier shall arrange for compliance with statutory provisions of safety regulations and safety codes in respect of labour employed on the work by the tenderer. Failure to provide such safety requirements would make the supplier liable for penalty of Rs. 500/- for each default. In addition, the Director, IIIT Srikakulam will be at liberty to make arrangement for the safety requirements at the cost of supplier and recover the cost thereof from him.

### **35. INDEMNITY**

The supplier shall at all times indemnify the Director, IIIT Srikakulam, consequent on this works contract. The supplier shall be liable for such accident as may be due to any cause, in accordance with the Indian laws and regulations and the Director, IIIT Srikakulam shall not be responsible for any accident or damage incurred or claims arising there from during the period of erection, construction and commissioning under the responsibility of the supplier in so far as the latter is responsible. The supplier shall also provide all insurance including third party insurance as may be necessary to cover the risk. No extra payment would be made to the supplier.

### **36. EXTENT OF WORK**

- ☐ The tenderer shall provide the required labour including that for supervision and all materials necessary to make a complete installation and such tests and adjustments and commissioning as may be required by the Director, IIIT Srikakulam. The term complete installation shall not only include major items of the plant and requirements covered by specifications but also all the incidental sundry components necessary for complete execution and satisfactory performance of installation with all labour charges whether or not those have been mentioned in details in the tender document in connection with this contract.
- ☐ In addition to supply, installation, commissioning and testing of generating set, the following works shall be deemed to be included within the scope of work to be executed by the supplier.
  - (i) Building works necessary for installation of equipment viz. making of platform, opening in walls or in floors/ground and restoring them to their original condition/finish and necessary grouting.
  - (ii) All supports for pipes, conduits and anti vibration pads, etc. as are necessary.
  - (iii) All electrical work required from alternator to control panel, main panel and or emergency panel of the buildings and control wiring, laying of underground cables including loop earthing. This also includes any alterations required in the existing main and / or emergency panel of building at IIIT Srikakulam
  - (iv) All pipe connections.

### **37. FACILITIES AVAILABLE AT SITE**

- a) Necessary water and electricity supply for installation as well as for testing and commissioning purpose as may be required for actual work can be made available at site, free of charge. But necessary arrangements for carrying any material/electricity to the site shall be made by the supplier/tenderer.

b) Suitable size of storage space can also be made available at site free of cost. However watch and ward of the materials shall remain the responsibility of the supplier.

### **38. ERECTION TOOLS**

No tools and tackles either for unloading or shifting the equipment or for erection purposes would be made available by the Director, IIIT Srikakulam/Committee. The supplier shall make his own arrangement for all these facilities.

**39.** On completion of the work, the supplier shall clear away and remove from the site all surplus materials, rubbish and temporary works of every kind and leave the whole of site and permanent works clean and in a workman like condition to the satisfaction of the Director, IIIT Srikakulam/COMMITTEE.

### **40. PERFORMANCE GUARANTEE**

The supplier shall guarantee among other things the following:

- a) Quality, strength and performance of the materials used.
- b) Safe mechanical and electrical stresses on all parts under all specified conditions of operation.
- c) Satisfactory operation during the maintenance period.
- d) Performance figures and other particulars as specified by the supplier in schedule of guaranteed technical particulars in schedule – “E”.

### **41. WARRANTY**

All equipment supplied and installed shall be covered by warranty for a minimum of two year against defective workmanship and material. If at any time any equipment is found to be defective due to faulty materials, faulty design or inferior quality of materials it shall be repaired or replaced at site free of charge by the supplier at his own cost during the warranty period and even after the warranty period against reasonable charges. The warranty shall cover consequential damages to the equipment supplied and installed by the tenderer due to poor workmanship or defective materials. All repairs shall be done promptly within a reasonable period. The warranty period shall commence from the date of handing over to the Director, IIIT Srikakulam.

In case the supplier fails to repair faulty work or replace the faulty item, as the case may be, within a reasonable time as decided by the Director, IIIT Srikakulam (which shall be final), he shall be liable to pay compensation at the rate of one percent on the total amount put to tender for every day not exceeding ten days while his failure to do so shall continue. And in case of any such failure the Director, IIIT Srikakulam may rectify or remove and re-execute the work and replace with other, the materials or articles complained of as the case may be at the risk and expense, in all respects, of the supplier.



The supplier will be required to furnish such facilities as will be necessary for inspection of the equipment before dispatch at his or his associate works if so required by the Director, IIIT Srikakulam. The supplier shall furnish information vide schedule 'G' for the purpose and will also give sufficient notice regarding the date proposed for such tests to the Director, IIIT Srikakulam so as to facilitate presence of its representative. The security deposit shall be refunded after successful completion of warranty/ guarantee period.

Any design defect observed at any period even after the warranty period is over, the defective part shall be replaced by the manufacturer at free of cost.

**42.** The supplier has to undertake/attend any complaint within 24 hours and shall render satisfactory service for minimum 24 (twenty four) months for which the contract shall remain in force.

**43.** If the headquarter of the supplier are elsewhere than U.P., he shall have a duly authorised agent in U.P. for the entire period of service contract. Such agent shall be authorised to act on behalf of the supplier to accept notice of service of contract and to agree to extras, omissions and varied item of work and rates for the same. Such agent shall maintain on his staff, a qualified engineer and such office personnel as may be required for the efficient execution of works. Any notice under the contract shall be deemed to have been served to the supplier if served upon such agent or sent by registered letter to his address. Such agent shall not be changed and shall not leave Uttar Pradesh during the duration of the contract, unless the consent of the Director, IIIT Srikakulam has been previously obtained. If the Director, IIIT Srikakulam shall order the supplier to carry out any rectification under the terms of the contract after the work is completed, the supplier shall have the same or another duly authorised agent while such rectifications are being carried out.

#### **44. COMPENSATION FOR DELAY**

The time allowed for carrying out the work as entered in the tender shall be strictly observed by the supplier. The supplier shall pay as compensation an amount equal to one percent or such small amount as the Director, IIIT Srikakulam (whose decision in writing shall be final) may decide, on the total cost of the work, as shown in the tender, for every day that the work remains unfinished after the prescribed dates. Provided that the entire amount of compensation to be paid under the provisions of this clause, shall not exceed ten percent on the total cost of the work as shown in the tender.

#### **45. EXTENSION OF TIME**

If the manufacturer shall desire an extension of time for completion of the work on the grounds of his having been unavoidably hindered in its execution or on any other ground he shall apply in writing to the Director, IIIT Srikakulam within a week of the date of hindrance

on account of which he desires such extension as aforesaid, and the Incharge, the Director, IIIT Srikakulam shall if in his opinion (which shall be final) reasonable grounds be shown, therefore, authorise such extension of time if any as may in his opinion, be necessary or proper.

#### **46. SETTLEMENT OF DISPUTE AND ARBITRATION**

i) All disputes and differences arising out of or in connection with the contract and the works (whether during the progress of the works or after their completion), determination, abandonment or breach of the contract shall be referred to a sole arbitrator appointed by Director on written request of a party to the contract. The decision of the sole arbitrator shall be final and binding. It will not be an objection to any such appointment that the arbitrator is the Government servants and had any interest in the Judiciary or the contract entered into directly or indirectly. In all cases, the arbitrator shall state their decision in writing and if amount of claims in dispute is Rs 50,000/- and above, the arbitrator shall give reasons for award. Subject as aforesaid the provisions of the Arbitration and Conciliation Act, 1996, or any statutory modification or re-enactment thereof and the rules made there under and for the time being in force shall apply to the arbitration proceeding under this clause.

ii) It is a term of the contract that the party involving the arbitration shall specify the dispute or disputes to be referred to the arbitration under this clause together with the amount or amounts claimed in respect of each such dispute.

iii) It is also a term of the contract that if the supplier does not make any demand for arbitration in respect of any claim in writing within 90 days of receiving the intimation from the Director, IIIT Srikakulam that final bill is ready for payment, the claim of the supplier will be deemed to have been waived and absolutely barred and the Director, IIIT Srikakulam will be discharged and released of all liabilities under the contract in respect of these claims.

iv) The decision of the Director, IIIT Srikakulam regarding the quantum of reduction as well as justification thereof in respect of rates for sub-standard work, decided will be final and would not be open to arbitration. Provided always that no compensation shall be payable for any loss in consequence of hostilities or war-like operation (a) unless the supplier had taken all such precautions against Air raid as are deemed necessary, (b) for any materials etc., not on the site of work or for any tools and plant, machinery, scaffolding, temporary building and other things not intended for the work.

v) In the event of the supplier having to carry out reconstruction as aforesaid, he shall be allowed such extension of time for its completion as considered reasonable by the Director, IIIT Srikakulam. Compliance within such time as the Director, IIIT Srikakulam may

prescribe in that behalf and in the event of the supplier failing to effect such compliance within the time prescribed by the Director, IIT Srikakulam then the Director, IIT Srikakulam shall without prejudice to his other rights be entitled to withhold from the amount payable to the manufacturer any amount payable to the workmen under any such laws, regulations or rules and to make payment thereof to the workmen. The Director, IIT Srikakulam shall also have in that event the right to terminate the contract with immediate effect and to exercise powers reserved to their employer under the contract as a result of termination.

**ANNEXURE-I**

**Supply, Installation, Commissioning and testing of 3 Nos of fully automatic 125KVA  
Silent DG Set (Diesel Generator) with water proof acoustic enclosure at IIIT  
Srikakulam, S.M.PURAM (V), Etcherla (M), Srikakulam (D)**

**TECHNICAL SPECIFICATIONS****1. DIESEL ENGINE**

An engine of reputed make, suitable for 125KVA GENSET, Water/coolant Cooled, cold starting, compression ignition, 4 Strokes, high speed Diesel Engine developing suitable 156 BHP at 1500 RPM under NTP Conditions to IS 10002, BS 5514, DIN 6271, IS 3046 as appropriate with 10% Over load for 1 hour in each 12 Hours. The engine should be able to take 100 % load without deration upto 500C ambient temperature

**2. COOLING SYSTEM**

1. Heavy duty radiator with fan
2. Cooling water/coolant centrifugal pump
3. Coolant Inhibitor

**3. EXHAUST SYSTEM**

1. Exhaust Silencer

**4. FUEL SYSTEM**

1. Fuel filters
2. Fuel lift pump
3. Fuel oil Filter

**5. LUBE OIL SYSTEM**

1. Lube oil cooler
2. Lube oil filters
3. Centrifugal by pass filters

**6. INTAKE AIR SYSTEM**

1. Dry type Air cleaner

## **7. GOVERNER**

1. Electronic Governor/Mechanical Governor
2. Electronic control panel with digital metering

## **8. STARTING SYSTEM**

1. Electric starter - 12 volts DC
2. Battery charging alternator
3. Hour Meter

## **9. COUPLING ARRANGEMENT**

1. Flywheel to suit single bearing alternator
2. Flywheel housing (SAE housing)
3. Inbuilt AVM pads to reduce vibrations and eliminate misalignment of engine and alternator.

## **10. SAFETY CONTROLS / ENGINE INSTRUMENT PANEL (ENGINE MOUNTED)**

1. Starting switch with OFF/ON/START KEY
2. Water temperature display
3. Lube oil pressure display
4. RPM display
5. Tachometer with hour meter

## **11. ALTERNATOR**

Synchronous brushless, single bearing alternator, rated at 125KVA/100KW, suitable for continuous operation at 1500 rpm generating 415 volts at 0.8 power factor (lag) suitable for 50 Hz, 3 phase, 4 wire system, confirming to BS5000/ IS 4722. The alternator is brushless type, screen protected, revolving field, self excited, self regulated through an AVR. The alternator has the following features :

+ 1.0% voltage regulation (max.) in static conditions IP:23

protection with insulation class H

Permissible overload of 10% for one hour in 12 hours of peration

**Makes: Kirloskar / Stamford / Crompton Greaves / Leroy Somer.**

## **12. VIBRATION INSULATION**

Specially designed poly bond anti-vibration mounts for vibration insulation should be used between engine/alternator and base frame.

### **13. FUEL TANK**

Base fuel tank of sheet metal (14 SWG), having a capacity of  $\geq 200$  litres, duly fabricated and painted, complete with drain valve, air vent, level indicator, inlet and outlet connection, locking arrangement to avoid theft of oil, and housed in the base frame.

### **14. BATTERY**

One number battery or as required for starting of 12 volts, 150 AH of reputed make, preferably Exide, Okaya, Luminous, provided inside the enclosure.

### **15. AMF CONTROL PANEL**

The panel shall be equipped as follows:

#### **Power Circuit**

#### **Metering**

1. One voltmeter with selector switch
2. One ammeter with selector switch
3. One frequency meter
4. Fuel level gauge

#### **Set of push buttons, selector switches and indicating lamps**

1. Push button for engine start
2. Push button for engine stop
3. Indicating lamps for "Load On" and "Set Running"
4. Master selector switch for auto/manual/test/off
5. Push buttons for test, reset and acknowledge
6. Indicating lamp for "Set fails to start"

### **16. EMISSION**

The diesel engine shall comply with the emission limits given in G.S.R. 371, dated 17.05.02 and G.S.R. 520, dated 1.7.2003 (irrespective of the date of implementation given in the notification) and certified as per emission norms of GOI already notified.

### **15. ACOUSTIC ENCLOSURE**

1. Acoustic enclosure should be integral part of the Genset.
2. A provision for emergency shut-down from outside the container should be made
3. Control panel should be mounted/approachable from outside the enclosure.
4. Engine should carry warranty of respective manufacturer for diesel generating set in enclosure
5. The acoustic enclosure shall be rain/water proof.

6. Preferably the enclosure shall be modular construction with the provision to assemble and dismantle as per site conditions
7. The enclosure should be fabricated out of CRCA sheet of 14 SWG
8. The sheet metal components should be dip seven tank pre-treated
9. To have long life of the enclosure it should be P.P. based powder coated (inside as well outside). All nut and bolts hardware's be Zinc coated or Stainless Steel.
10. Fuel tank at the base of the DG set should have minimum capacity of 200 litres. It should be provided with breather, drain plug, fuel gauge meters to indicate fuel level and locking arrangement to avoid theft of oil.
11. There should be provision for filling the fuel from outside
12. Battery should be accommodated in a separate leak-proof tray in the enclosure
13. There should be provision for drain plugs for draining Mobil oil/diesel from outside the enclosure.
14. The doors to be provided with high quality EPDM gaskets to avoid leakage of sound
15. The lockable type door handles should be provided.
16. A provision for emergency shutdown from outside the container should be made.
17. The D.G. Set should comply with the noise limit of 75 db(A) at 01m from the enclosure surface and other requirements given in and as per the document "System & Procedure for Compliance with Noise Limits for Diesel Generator Sets (upto 1000 KVA)" issued by Central Pollution Control Board.

## **16. FUEL CONSUMPTION**

Engine should be capable of providing fuel consumption of approx. 27.4 units/lit. of diesel, between 80 to 100% load as per BS 5514.

## **17. MANUALS**

1. Engine operation and maintenance manual
2. Alternator manual with Parts catalogue
3. Engine maintenance schedule
4. Warranty card
5. Engine routine test certificate

## **18. INSTALLATION**

1. The base of the Genset shall be minimum 2 feet from the ground level so that the oil/fuel can be drained out easily.

2. The ground up to 01m around the Genset shall be made of cement concrete platform of mix 1:2:4 (1 Cement, 2 Coarse Sand, 4 Stone Chips 20mm).



## ANNEXURE -II

<b>SCHEDULE OF WORK AND SUPPLY S.No.</b>	<b>DESCRIPTION</b>	<b>Qty.</b>
1.0	Supply of 125KVA DG set with acoustic enclosure as per enclosed technical specification	One
2.0	AMF Control Panel	One
3.0	Transportation, unloading and placement of DG set to site	One job
4.0	Preparation of concrete slab with load bearing capacity sufficient to take dead load of DG set	One job
5.0	Maintenance free chemical earthing with copper coated (using 100 micron of copper) electrodes/rods conforming to IS 3043-1987 , Indian standard code of practice for earthing, IEEE 80 , IEEE guide for safety in AC sub-station grounding, IEEE 837 , Standard for qualifying permanent connections used in substation grounding and Indian Electricity Rules with latest amendments (preferable) OR Earthing system 600x600 mm G.I. plate, G.I. strip 50mm x 6mm, 50mm dia. G.I. pipe including fittings, Charcoal and Salt, Hodi Cover	Four nos.
6.0	G.I. Strip: 50mm x 6mm	As per site
7.0	Cabling system 3.5 Core Al. Armored cable 250 sq. mm	As per site (app. 500mtrs)
8.0	End termination of 3.5 Core Al. Armored cable 400 sq. mm with Gland and thimbles	As per site
9.0	Control cable 2.5 Sq. mm 12 core	As per site (app. 25mtrs)
10.0	Connection with Main / Emergency Distribution Panels along with	As per site

	modifications in the Main / Emergency Panel at court buildings , Civil and Sessions Court, Bulandshahr.	
11.0	<b>Exhaust system:</b> Provision of M.S. pipe of suitable diameter {class B pipe) to height 5mtr above rooftop of eight court room building (total appx 30 feet from the ground level). The size of the pipe should be such that there is no back pressure beyond allowable limits. Suitable M.S. flange, nuts & bolts with support brackets & structure, AI. Cladding on thermal insulation to, be provided	As per site As per site
12.0	<b>Fuel system:</b> Min. 200 litres fuel tank at the base of DG set by 19mm M.S. pipe (C class) with fuel fittings NRV etc. with effective locking arrangement	One job
13.0	Semi Rotary Diesel Pump	One
14.0	Clearance from various department	One job
15.0	Testing & Commissioning	One job

**ANNEXURE – III**  
**AGREEMENT**

An agreement is made at \_\_\_\_\_ on the day of \_\_\_\_\_ between the Administrative officer, IIIT Srikakulam, (hereinafter referred to as the “the Administrative officer” which expression shall unless repugnant to the context or meaning thereof, be deemed to include its successor and / or assignee) of the one part and M/s \_\_\_\_\_

(hereinafter referred to as the manufacturer, which expression shall unless repugnant to the context or meaning thereof, be deemed to include their successors and/or assignee) of the other part.

WHEREAS the party of the first part is Head of the office of IIIT SRIKAKULAM.

WHEREAS the Administrative officer, under the directions of Director, IIIT Srikakulam, is desirous of the work „supply, installation, commissioning & Testing of a 125KVA DG set with acoustic enclosure” at IIIT Srikakulam, S.M.PURAM (V), Etcherla (M), Srikakulam (D), 532402 as per the specification, conditions and rates attached to this Agreement

WHEREAS the party of the second part is a manufacturer/supplier/authorised dealer of Diesel Generator set having its registered office at \_\_\_\_\_.

WHEREAS the manufacturer has approached the Director, IIIT Srikakulam for the execution of the said work and has agreed to conduct and complete the work on the term; and conditions hereinafter.

WHEREAS the manufacturer has deposited Rs. \_\_\_\_\_ (Rupees \_\_\_\_\_) with the Director, IIIT Srikakulam for the performance of the agreement.

AND NOW THEREFORE in consideration of the terms and mutual convenience hereinafter mentioned the parties hereby agree as follows:

## **I. DEFINITIONS**

- 1) 'Agreement' means this agreement and all appendices, annexure attached, work orders, specification and instructions issued in writing at the time of issuing the work order, and subsequent amendments, modifications and additions directed by the Director, IIIT Srikakulam to be carried out, provided that such amendments, modifications and additions are incidental to the work at the point of time when such directions are given by the Director, IIIT Srikakulam.
- 2) 'Work' means the total work to be conducted and completed by the manufacturer as specified in detail in the work order.
- 3) The 'District Judge' means the Head of the office of Civil and Sessions Court, Andhra Pradesh including his successors.
- 4) The 'Manufacturer' means \_\_\_\_\_

## **II. OBLIGATIONS OF BOTH THE PARTIES**

- 1) The manufacturer shall carry out and complete the work in eight weeks from the issue of the supply order, as detailed in it and as entrusted to him under the instructions of the Director, IIIT Srikakulam, and the manufacturer further undertakes to give full co-operation to the Director, IIIT Srikakulam in this regard.
- 2) The Director, IIIT Srikakulam shall render all suitable assistance to the manufacturer for the purpose of obtaining permissions/approvals etc., from the various departments as may be required under various acts, rules, regulations and/or notifications.
- 3) The manufacturer shall receive payment in the manner prescribed in the mode of payment. Payment for any additional work, not included in the work order and which shall have to be carried out by the manufacturer under this agreement due to amendments, modifications or additions as per clause I (1) of this agreement, will be decided amicably considering the market rate and will be paid accordingly.
- 4) This agreement comprises of detailed and definite enumeration of the rights and duties of the parties to the contract and covers all previous correspondence or negotiations etc.
- 5) If one provision of this agreement should prove to be invalid or null, all remaining provisions shall remain effective without change. The contracting parties shall try to replace the invalid and null provision by an admissible provision aiming of the same economic and legal rights.
- 6) Dimensions/ standards and units wherever referred shall conform to the Indian Regulations wherever obligatory and in all other cases the same will be as per prevailing

practice. If, however, the Director, IIIT Srikakulam specifies the dimensions and units of the work then same shall be final and the manufacturer undertakes to adopt the same and to carry out the work in accordance with the instructions issued by the Director, IIIT Srikakulam.

7) The manufacturer shall not engage or employ any submanufacturer for the execution of the work under this Agreement without the prior consent in writing obtained from the Director, IIIT Srikakulam. Any possible sub-contracts, which may be concluded by the manufacturer, shall be so concluded on the sole and full responsibility of the manufacturer. The fact of sub-contracting shall not absolve the manufacturer from his obligations and responsibilities under this Agreement.

8) Subject to the provisions of this Agreement the manufacturer shall not transfer or assign this Agreement without prior consent of the Director, IIIT Srikakulam in writing. In any case transfer of assignment which may be affected by the manufacturer shall not modify his liabilities under this Agreement. In the event of transfer of assignment, the assignees or transferee shall be responsible for the fulfilment of the conditions of this Agreement.

### **III. EXTENSION AND TERMINATION**

It is agreed between the parties that the Director, IIIT Srikakulam may grant extension of time to the manufacturer for the completion of the work under this contract provided the Director, IIIT Srikakulam is satisfied with the reasons for extension stated by the manufacturer in his application in writing made to the Director, IIIT Srikakulam, that such extension would not entitle the manufacturer for any additional payment.

### **IV. INDEMNITY**

1) The manufacturer hereby undertakes to indemnify the Director, IIIT Srikakulam against any claim made by any person/persons or by a third party for any reason whatsoever such a claim or damage may arise because of a mistake, negligence and/or any other reason or an act of the manufacturer during the course of the work being carried out by the manufacturer under this contract.

2) The parties to this Agreement specifically agree that the Director, IIIT Srikakulam shall have the right to withhold the payment of fees that may be due and payable to the manufacturer in the event of any breach committed by the manufacturer under this Agreement and the payment withheld be paid whenever such breach is rectified.

### **V. ARBITRATION CLAUSE**

The parties to the Agreement hereby agree and consent that all disputes, claims etc., arising out of and touching upon clause of the Agreement and their interpretation shall be submitted to a team of one men arbitrator to be appointed by the Director, Hon"ble High Court of Andhra pradesh

IN WITNESS WHEREOF the parties of the first and second part of this Agreement have subscribed their signatures on this Agreement on the day and year herein above mentioned.

**SIGNED IN THE PRESENCE OF:**

1. For and on behalf of the party of the first part:
2. For and on behalf of the party of the second part:
3. Witness:

Witness:

**LETTER SUBMITTING TENDER**

To

The Director,  
IIIT Srikakulam,

Sir,

With reference to tender invited by you for **“Supply, Installation, Commissioning and testing of 3 Nos of fully automatic 125KVA Silent DG Set (Diesel Generator) with water proof acoustic enclosure at IIIT Srikakulam, S.M.PURAM (V), Etcherla (M), Srikakulam (D)”** .I/We do hereby offer to execute the works under “Contract at quoted rates”. I/We have seen the site, read the articles of agreement, conditions of contract, and specifications. I/We agree to finish the whole work within eight weeks as specified in the tender.

I/We have deposited as earnest money Rs. 100000.00 (Rupees one lakh only) by a bank draft no. \_\_\_\_\_ dated \_\_\_\_\_ drawn on \_\_\_\_\_ in favour of you which is not to bear any interest. I/We do hereby agree that this sum shall be forfeited by you in the event our tender is accepted, and I/We fail to complete the contract within the said period.

I/We understand that you are not bound to accept the lowest or any tender that you receive.

Yours faithfully

( \_\_\_\_\_ )

Name of Partners of the firm

Name of the Bankers:

For office use:

Tenders submitted in \_\_\_\_\_ before \_\_\_\_\_ p.m.

**ANNEXURE – V**

**WARRANTY/Guarantee Certificate**

We hereby undertake to furnish two years (24months) onsite warranty-guarantee and free maintenance service from the date of commissioning.

Signature and Seal of tenderer

Date:

Place:



**ANNEXURE – VI****DETAILS OF LAST 3 YEARS MAJOR TRANSACTIONS**

Sl. No.	Year	Date of receipt of order	Name of the customer with address and email ID	Value of order	Whether full supply was made within the time stipulated, if not give details of delayed offers and reasons thereof.
1					
2					
3					
4					
5					

Signature and Seal of Tenderer

Date:

Place:

## **SCHEDULE – ‘A’**

### **TOTAL PRICE OF THE WORK**

Supply, Installation, Commissioning and testing of 3 Nos of fully automatic 125KVA Silent DG Set (Diesel Generator) with water proof acoustic enclosure at IIIT Srikakulam, S.M.PURAM (V), Etcherla (M), Srikakulam (D)”for Rs. \_\_\_\_\_

(Rupees \_\_\_\_\_ ) (This shall include all work as per specifications and other wise, necessary for the completion of the work)

(The prices should include Taxes/Duties etc.)

Signature of the tenderer

Date:

Place:

**SECHDULE – B**  
**BREAK UP OF PRICE**

S.No.	Details of item	Unit	Qty.	Rate / unit (Rs.)	Amount (Rs.)	Remarks
1.	Engine with mounted accessories and brand name	Each				
2.	Alternator with brand name	Each				
3.	Control Panel	Each				
4.	Radiator assembly with motor	Each				
5.	Batteries with brand name	Set				
6.	Acoustic enclosure with base frame	Each				
7.	Daily Service Tank/Base tank	Each				
8.	Hospital grade muffler	Each				
9.	Thermal insulation and al. cladding exhaust muffler and piping	Mt.				
10.	Earthing system	Each				
11.	Lubricating oil piping (Specific sizes &	Mt.				

	quantity)	
12.	Fuel Oil piping (Specific sizes & quantity)	Mt.
13.	Exhaust Piping (Specific details & quantity)	Mt.
14.	Flexible piping connections (Specific details & quantity)	Mt.
15.	Control Cable (Specific sizes & quantity)	Mt.
16.	Power Cables (Specific sizes & quantity)	Mt.
17.	Building materials	Lot
18.	Miscellaneous Accessories	Lot
19.	Installation , Testing & Commissioning	Job
20.	Fuel pump	Each
21.	Any other terms or details	

Signature and Seal of tenderer

Date:

Place:

**SCHEDULE-C**  
**DEVIATION FROM TECHNICAL SPECIFICATION**

<b>S.No.</b>	<b>Reference to clause of specification</b>	<b>Deviation</b>	<b>Reasons for deviation</b>

**Certified that barring the deviation listed above our equipment complies fully with the specification.**

**Date:**

**Signature of the tenderer**

**SCHEDULE –D**  
**LIST OF RECOMMENDED SPARES AND THEIR PRICES**

<b>S.No.</b>	<b>Part No.</b>	<b>Detail Description</b>	<b>Qty. Recommended</b>	<b>Unit.</b>	<b>Rate</b>	<b>Remarks</b>

**Date:**

**Signature of the tenderer**

**SCHEDULE-E**  
**SCHEDULE OF GUARANTEED TECHNICAL PARTICULARS**

<b>S.No.</b>	<b>Details of Particulars</b>	<b>Guaranteed date</b>	<b>Remarks</b>
--------------	-----------------------------------	------------------------	----------------

I Engine

1. Make
2. Type
3. No. Of cylinders
4. Arrangement of cylinders
5. Bore and stroke
6. R.P.M.
7. Method of starting
8. Compression pressure
9. Compression ratio
10. Max. cylinder pressure
11. Piston speed
12. Fuel injection type
13. Aspiration method
14. Fuel injection pressure
15. Lubricating oil system
16. Lubricating oil pressure
17. Fly wheel i) Diameter
- ii) Weight
- iii) Is it balanced dynamically
18. Cyclic variation
19. Time required for starting
20. Type of governor
21. Guarantee performance of governor

Permanent variations with

i) Full load thrown off

ii) Full load thrown 'on'

b) Temporary variations with

i) Full load thrown off

ii) Full load thrown 'on'

1. Head speed regulation limits
2. Fuel oil recommended
3. Lubrication oil recommended
4. BHP at site at output shaft/coupling
5. Overload capability

i) Full load ii) Half load

Mechanical efficiency

Standard mounting accessories on engine

1. Safety shutdown provision
2. Direction of rotation
3. 2 stroke or 4 stroke
4. Type of cooling at sump capacity
5. Oil
6. Any other data

II. Alternator

1. Make

1. Type
2. Governing specification
3. Full load output in KVA
4. Full load output in KW at 0.8
5. Enclosures
6. Speed/frequency
7. No. of phases
8. Is neutral brought out



9. Voltage between phase/neutral
10. Regulated band of voltage
11. Current carrying capacity of windings
12. Percentage imbalance permissible

i) Full load ii) Other loads

1. Length of set over all x width overall
  2. Weight of set overall
  3. Head room needed for lifting/servicing
  4. Weight of alternator
  5. Weight of engine
  6. Weight of heaviest part handled
  7. Direction of rotation
  8. Standard accessories
  9. Radiator make & type
  10. Fan diameter
  11. C.F .M. of fan static pressure
  12. R.P.M. of fan/type of drive
- 
1. HP absorbed by ran
  2. HP of motor drive in the case of independent motor and its specification
  3. Details of other major unit assembled on set
  4. Capacity of daily service tank
  5. Size of service tank

1. Make
  2. Type
  3. Overall dimensions (L x B x H)
  4. Finish
  5. Sheet metal size
  6. Make and type of contactors/circuit breakers
  7. Make and type of instruments
  8. Make and type of switch fuse units
  9. Other facilities incorporated
- V Any other data the tenderer may like to furnish

Date:

Signature of the tenderer

Place:

**SCHEDULE-F**  
**LIST OF TOOLS TO BE SUPPLIED**

<b>S.No.</b>	<b>Details of Tools</b>	<b>Qty.</b>	<b>Remarks</b>

**Date:**

**Signature of the Tenderer**

**Place:**

### SCHEDULE-G

ADDRESS OF MANUFACTURE R'S PREMISES FOR THE PURPOSE OF INSPECTION S.No.		Details of items	Makers Name	Place where equipment can be offered for routine type test & initial inspection	Name, Phone No. and Address of the person to be contacte d for the purpose of inspecti on
1.	Engine				
2.	Alternator				
3.	Control panel				
4.	Radiator assembly				
5.	Acoustic enclosure with base frame				
6.	Daily service tank				
7.	Batteries				
8.	Piping (Rigid) Fuel				

Lubricating oil

	Exhaust
9.	Piping (flexible)
10.	Cables
11.	Earthing materials
12.	Tools
13.	Spares
14.	Fuel injection pump/system
15.	Turbo- charger
16.	Inter cooler
17.	Alternator for batteries
18.	Engine start system
19.	An other items

**Date:**

**Signature of the Tenderer**

**Place:**