

AMC of DG sets at IISER-M

Indian Institute of Science Education & Research (IISER) Mohali intends to give AMC for DG sets at IISER- M, Sec 81, SAS Nagar, Mohali. You are, requested, to submit your most competitive offer, strictly in two envelope system (Envelope A technical & Envelope B price bid) for AMC for DG sets, along with the documents entailing list of similar completed works in last seven years, average annual turnover in last three years, EMD for Rs.5,000/- favoring Registrar IISER Mohali and payable at Chandigarh, latest by 14.09.2015 at 03:00 PM. In case of any clarifications, please contact this office on any working day between 9AM to 5.30PM

GENERAL CONDITIONS:

1. The eligibility criteria (for Envelope A) for undertaking the work will be as follows:
 - Proof of having valid enlistment /completion with Central/State Government/ Autonomous Body/Central PSU's. Definite Proof from appropriate authority, which shall be to the satisfaction of the competent authority of the Institute having satisfactory done similar work during last seven years ending 31.03.2015 for works as given here under:- a). Two similar works each of value not less than Rs1,47,600/- or (b) One similar work having value not less than Rs 1,96,800/-. Valid Pan Number/Service Tax No. required.
 - The Agency should also submit a copy of the partnership deed if any and power of attorney duly attested and countersigned by the agency at the time of application. Proof of average annual gross financial turnover during Financial Year 2012-13, 2013-2014 & 2014-2015 duly certified by Chartered Accountant, Regd/Branch Office in Punjab/ Chandigarh for last 3 years.
2. Tender to be downloaded from the websites www.iisermohali.ac.in / www.eprocure.gov.in
3. Quotations received telegraphically will not be entertained.
4. Conditional tenders and tenders received without earnest money and after due date will be rejected straightway.
5. The amount of earnest money may be deposited in the shape of deposit at call receipt of any scheduled bank, DD payable at Chandigarh in the name of the Registrar IISER Mohali.
6. The committee on the behalf of the Director, IISER-M reserves the right to accept/reject any or all the tenders without assigning any reasons thereof.
7. All disputes concerning in any way with this tender are subjected to Mohali Court Jurisdiction only.

HOW TO APPLY & SELECTION CRITERIA:

The quotation shall be received by the undersigned by 1500 hrs on 14.09.2015 (14th day of September 2015) and Envelope A containing only earnest money, conditions and quotation documents along with the documents as required at Sr. No. 1 shall be opened on the same day by the committee constituted by the Director, IISER-M, at 1530 hrs in the presence of quotationer or their authorized representative who may like to be present. No consideration will be given to a quotation received after the above stipulated time and date. Eligibility related documents shall be evaluated for the criteria stipulated (at Sr No 1 of General Conditions and quotationers will accordingly be qualified/disqualified by the Competent Authority. The financial bid (Envelope B) of qualified quotationer shall then be opened by the committee at notified time, date and place in the presence of quotationers or their representative. The rate of each item must be quoted in figures and words and should preferably be in the format or in the sheet attached with the tender document. Quotation not submitted in the manner as prescribed above shall summarily be rejected.

TERMS AND CONDITIONS FOR AMC OF DG SETS:

FOR THE CONTRACTOR:

SPECIFIC TECHNICAL REQUIREMENTS FOR CUMMINS DG SETS:

- Service engineer shall carry out "B", "C" & "D" checks on the engine, as per the check list and would correct / recommend / suggest improvement in operation and performance.
- To carry out / advise necessary repairs, adjustments of assemblies, sub-assemblies in order to keep the DG set in good working condition and assuring the trouble free performance of DG set.
- If the B check maintenance is due and consumables are arranged by customer, engineer shall carry out the B check maintenance. It is therefore advised that customer should inform the contractor in either writing or verbal as soon as engine clocks 225 - 250 hrs or as per the maintenance norms of the engine models or after 5 months, which-ever is earlier from the previous "B" check so as to ensure timely maintenance of the engine.

SPECIFIC TECHNICAL REQUIREMENTS FOR KIRLOSKAR DG SETS:

- To service the engine after every 250 hrs or six months whichever is earlier.

CONTRACTOR RESPONSIBILITY FOR ALL DG SETS:-

- Service engineers to visit the site once in a month totaling to Twelve visits per year. The schedule of visits can be mutually decided. Agency to provide three breakdown services, if required.
- Service engineer will carry scheduled preventative maintenance checks on Diesel Generating

Sets as per the standard check list.

- Replace minor parts (i.e. Hoses and filters etc), sub-assemblies as and when required from customers stock.
- Service Engineer during the visit will report on the performance or any other abnormality and inform parts requirement, shall also submit the report on work done and recommendations as well as spare parts offers to the concerned authority for procurement.
- Attend emergency calls on priority (usually same day). However, if the engineer is required for any particular date and time, it would be the responsibility of the customer to intimate the contractor in advance.
- Major overhauling / *top* overhauling /PT Pump & Injectors calibration / replacement of major parts / rewinding of Alternator or repairs on breakdown of the DG set are to be charged extra.. In case of the engine contract, the alignment is charged extra. Alternator bearing greasing is not in the scope.
- Supply parts required for emergency on to be on priority with customer's approval.
- Train the customer's representative on Operation and Maintenance of DG sets.
- To per-intimate customer on engine repairs and overhaul requirement based on engine performance parameters.
- Service Contract will automatically cease to exist in the event of change of ownership or location of the above- mentioned engine/s from said location.
- Checking of Battery specific gravity every month and the acid level once in Three month and top with distilled water if required. (Applicable for lead acid Battery only). Output voltage check and condition check to be carried out in SMF type battery.
- Checking charging alternator output voltage with respect to specifications.
- To check the condition of Diodes/ rotating rectifier assembly once in six month.
- Checking of all electrical connections for their proper tightness including charging alternators and battery clamps.
- Engine Panel / PCC, Alternator will be covered in AMC.
- Replacement of all filters, refilling of engine oils, checking of all nuts and bolts tightness, correction of engine alternator alignment in case of complete Genset contract and replacement of rubber insert/block if broken to be carried out.

CUSTOMER RESPONSIBILITY FOR ALL DG SETS:-

- For Cummins DG set, to carry out the daily A Check which comprises of operation of the DG set after checking oil, coolant levels every day and ensure maintenance of proper logbook, and equivalent checks for the Kirloskar DG sets. Record of logbook will be made available to the service engineer during his visit.
- To use trained man-power and the operation of the DG set / engine within the recommended parameters would be the customer responsibility. If customer observes any discrepancies, DG should not be operated and inform to the contractor for

resolution.

- To procure the spares as recommended by service engineer from authorized dealer /authorized OEM Source and should be original.
- To provide consumables, spares, fuel and unskilled labour if required.
- To follow Cummins and Kirloskar Maintenance & Operation recommendations.
- Engine should be run in electrical mode.
- To acknowledge the work done by service engineer during his visit by signing the service report and can also put remarks in customer column.
- To keep the DG set and its room neat & clean.
- To maintain a log book which documents DG parameters like engine, alternator, load details and fuel and oil consumption. If any changes in the parameters are recorded, intimate to the contractor immediately.
- To stock the maintenance consumables recommended.
- Not to allow any unauthorized person to carryout repair/maintenance of the engines.
- To ensure quality of engine input like air, fuel, lubricating oil and coolant.
- To ensure that average load factor on the DG set does not go beyond 70 to 80 on DG set.
- Procurement of recommended genuine lube oil and other consumables / spares would be the responsibility of the end user, should be procured from OEM authorized source and the contractor would not be responsible for break- down due to bad quality / non genuine spares.
- To ensure the safe working environment for the service personnel.
- To provide first-aid assistance to the representative of contractor in the event of injury

TERMS AND CONDITIONS:

IISER will provide the safe working conditions for the DG sets at any point of time, the same if not found safe to work/ risking lives, the contract will get terminated on its own.

IISER will procure / use the genuine spare parts, should the same is not followed contract would not be valid and the contractor in what so ever kind, would not be responsible

PAYMENT:

Payment after servicing on pro-rata basis for each quarter.

The rates shall remain the same for the initial one year and for further extendable period of one year, if mutually agreed upon.

EXCLUSION:

Any major repairs (as listed above) which are not covered under the scope of AMC, will be paid extra.

In addition to above Quarterly visits, carried out on each DG set, the contractor shall be providing unlimited breakdown visits on demand during the contract period. However the contractor response time should be 30 minutes, and the site attending time should be within 04 hours.

The cost of the parts required from time to time shall be borne by the IISER during the contract period. The prices of parts would be charged as per the ruling prices.

The labour charges for repairs of components like PT Pump, Injectors, Cylinder Head, Radiator, Turbocharger and any other major component shall be charged extra, also the contract does not include top overhauling & major overhauling in the scope of Annual Maintenance Contract.

D-Check activity will also not be covered under the contract.

In case of synchronization panel and PLC panel, the same is not in the scope of contract.

The repair and maintenance of acoustic enclosures, fuel tank and fuel gauges and cooling tower will not be in the purview of the contract.

Loading unloading and shifting charges to be extra.

FORCE MAJEURE :

Contractor shall be liable to perform of its obligations under or arising out of this contract. if such failure does not result from any force majeure, act of God, fire, industrial disputes, labour trouble, transportation embargo, existence of any state of Emergency, war, war like conditions, civil commotion, riot, inability to obtain any material, imposition of sanction and / or any measures taken by the Govt. what so ever which rendered it impossible or impracticable for the contractor to perform obligations under this contract.

OTHERS CONDITIONS OF THE RFQ:

1. The rates shall be quoted in the enclosed schedule of quantities (BOQ) and duly signed by the contractor.
2. Rates to be inclusive of all taxes, duties, royalty, VAT, etc.
3. Rates to remain firm during the duration of work as well as for the extended period, if any. No escalation in rates will be allowed under any circumstances.

4. The contractor shall comply with all statutory norms and requirements in respect of the said work.
5. The quantity can be increased or decreased.
6. Service tax, if levied by the Govt. will be reimbursed to the contractor on production of receipt as a proof of deposit of the Service tax.
7. All work to be carried out as per specifications stipulated in RFQ/Tender document.
8. EMD amounting to Rs. 5,000/- in favour of Registrar IISER Mohali payable at Chandigarh, to be deposited.

(Contractor)

BOQ

Sub : AMC of DG sets of Cummins and Kirloskar Make.

S. No.	ITEM	UNIT	QTY	RATE	AMOUNT
1	Annual maintenance including all checks as recommended by the respective manufacturer of following capacity DG sets complete with replacement(fixing only) of defective parts during breakdowns, consumables etc during periodic servicing, conducting periodic servicing as per the manufacturer's recommendation excluding consumables and parts ,p/f of minor consumables like battery water,grease,nut bolts etc during routine AMC checks, AMC check once every month and attending unlimited breakdown calls.				
a)	125 KVA DG Set,Make : Cummins	Nos.	1		
b)	380 KVA DG Set,Make : Cummins	Nos	1		
c)	500 KVA DG Set,Make : Cummins	Nos	3		
d)	750 KVA DG Set,Make : Cummins	Nos	1		
e)	200 KVA DG Set,Make : Kirloskar	Nos	1		
2	Descaling of radiator using suitable chemical as per the manufacturer's recommendation once every 12 months,for the following capacity DG sets :				
a)	125 KVA DG Set,Make : Cummins	Nos.	1		
b)	380 KVA DG Set,Make : Cummins	Nos	1		
c)	500 KVA DG Set,Make : Cummins	Nos	3		
d)	750 KVA DG Set,Make : Cummins	Nos	1		
e)	200 KVA DG Set,Make : Kirloskar	Nos	1		
	TOTAL				

Contractor