

**BHARATI COLLEGE  
UNIVERSITY OF DELHI  
C-4, JANAKPURI, NEW DELHI-110058**

**No : BC/Genset/E-Tender/2018-19/**

**Dated : 11.10.2018**

Online E-Tenders are invited for experienced contractors having experience of large capacity Diesel generators Sets (ISI mark) for Comprehensive Annual maintenance and service cum inspection contract of diesel generators of capacity upto 125 KVA details as under: -

<b>Section No.</b>	<b>Description of Work</b>	<b>Capacity &amp; Approxima</b>	<b>Estd. Cost of Material</b>	<b>E/Money</b>
1	Comprehensive Annual maintenance and service cum inspection contract of Diesel Generator Sets	125 KVA = 01	Rs.1.40 Lakh	Rs.70,000.00

- Period of contract** : Two year from the date of agreement which can be extended for further six months or part thereof, at the sole discretion of the Principal, Bharati College.
- EMD:** Rs.70,000/- in favour of Principal, Bharati College. Bid security is to be paid in the form of crossed demand draft issued by schedule bank drawn in favour of Principal, Bharati College.
- Availability of TENDER Document :**

**Tender documents may be downloaded from web site [www.bharaticollege.com](http://www.bharaticollege.com) and CPPP site <https://eprocure.gov.in/eprocure/app> as per the schedule as given in CRITICAL DATE SHEET as under.**

<b>Particulars</b>	<b>Date</b>	<b>Time (hrs.)</b>
Published Date	11.10.18	5:00 P.M
Bid Document Download Start	11.10.18	5:30 P.M
Clarification Start Date	12.10.18	10 :00 AM to 1.00 P.M
Clarification End Date	15.10.18	2.00 P.M
Bid Submission Start Date	12.10.18	5.00 P.M
Bid Submission End Date	01.11.18	4.00 P.M
Bid Opening Date	14.11.18	2.00 P .M

**Note 2: The Tender document shall not be available for download on its submission/closing date.**

4. **Opening of Bid :** At **2 P.M.** 14.11.2018

- 4.1. Tender is invited through e-Tendering process in Two bid system i.e.(i) Technical Bid (ii) Financial Bid. Physical copy of the Tender document would not be available for sale.
- 4.2. In this case the Tender is invited through e-tendering process(<http://www.eprocure.gov.in>)
- 4.3. Tender document will not be accepted/received on the e-tendering portal after due date and time. The Principal, Bharati College reserves the right to reject any or all Tenders without assigning any reason whatsoever.

5. **Eligibility Criteria:-**

**(I) Technical Bid**

All the Bidder are required to submit the following document with CP Portal

1. Scanned Tender documents duly signed on each page by the bidder or authorised signatory in token of having read and accepted all the terms and conditions.
2. Self attested copy of PAN number of proprietor/Firm/company.
3. **Experience Certificate:** The bidder should have experience certificates of completion of two works of similar nature .
4. Required Earnest Money in accordance with the tender document in the shape of DD in favour of Principal, Bharati College payable at New Delhi
5. i) Self attested copy of Partnership deed in case of partnership firm.  
Or  
ii) Self attested copy of Memorandum and article of association in case of limited company.  
Or  
iii) Original affidavit duly attested by Notary public in case of sole proprietorship
6. Self attested copy of Registration of firm in case of partnership firm and certificate of incorporation of firm in case of limited company .
7. Power of Attorney/Resolution of Board of Directors, authorizing an individual with whose DSC the tender is submitted on e-tendering portal (if and as applicable).  
(Power of Attorney in original executed on the non-judicial stamp paper of Rs.100/ and the same be attested by a notary public or registered before sub-Registrar of the state. It should be executed by person who has been authorized by the Board of Directors of the bidder in this regard, on behalf of the company/institution/body corporate or all the partner(s) in favour of the said attorney in case of the bidder being a firm. Such authorization to the person signing the Power of Attorney should be attached).
8. Self attested copy of the GST registration, certificate and copy of Pan Card.

The e-Tender, which is not accompanied by the requisite EMD/Bid security, shall be summarily rejected. Tender will not be accepted/received after expiry of date and time. Any alterations made in the downloaded form shall result in the bid being rejected or agreement being cancelled and forfeiture of EMD/Security deposit. Principal, Bharati College reserves the right to reject or cancel any or all tenders at any stage without assigning any reason. No offline form will be accepted in any case.

**(2) Financial Bid**

**Annexure-I**

Rates for AMC of Diesel Generator sets of 125 KVA

Section No	Description of work	Capacity	Approx. Qty.	Rate in Rs. per year per Gen.	
				In Figure	In word
1	Annual maintenance and service cum Inspection contract of Diesel Gen. Set and their electric control panels including replacement of minor/ major parts i.e. AVR, Gasket Set, Piston with Rings, Cam Shaft, Cylinder Block, battery Exide 12 volt 130AH, Water pump, MCCB for Required Rating, Rotor Winding, Stator Winding, Crank Shaft Repair, Self(Starting Motor Repair), Fuel pump repair, Radiator service and cleaning, Battery charger (static) Repair, Fuel pump and nozzles calibration, Charging alternator/ Dynmo-Repair, Engine Oil recovered during service in various Exchanges of Jalandhar SSA.	125 KVA	01		

It will contain the schedule of rates and the rates to be quoted in words and figures duly signed by the contractor. Financial Bid only of those bidders will be opened whose Technical Bid will found to be valid by the Committee as nominated for the purpose. If it happens to be a holiday on any of the date given above the transaction will be held on next working day. Principal, Bharati College reserves the right to reject any or all Tenders without assigning any reasons.

**Eligibility**

- Tenderer signing the Tender should in case of firm clearly specify whether they are signing as (a) Sole proprietor (b) Partner (c) Under the owner of attorney (d) Director, Manager, Secretary etc. as the case may be. Copies of the documents authorizing the Tenderers signing the Tenders on behalf of such companies firms or persons should be attached with the Tender.
- There should be no over writing/correction in schedule of rates. If any, that must be initialed. **Conditional Tenders are also liable to be rejected. The rates must be inclusive of all taxes including sale tax, octroi and local charges etc. However GST on AMC charges and major parts will be paid extra as applicable from time to time.**

6. The contract will be awarded for a period of two year from the date of agreement. And after the expiry of the said period of contract the period of contract may be extended on mutual consent on the same rates and term & conditions. For such period as may be agreed to, but not beyond further two years at the discretion of the PRINCIPAL Employer or at terms settled mutually in writing.
- 7(i) The successful Tenderer including bidder will have to deposit a security by Bank Draft/FDR & he/they will have to execute an agreement on non judicial stamp paper worth Rs.100/- with Bharati College within ten days of the written intimation of acceptance of Tender.**
- (ii) The tenderer including bidder whose tender is accepted shall deposit security of an amount equal to the 10% of the total accepted value will be deposited by the successful Tenderer. 5% EMD will automatically be converted into security deposit and balance 5% will required to be deposited in the shape of FDR's or recovery from bills. Security Deposit will be valid for 18 months before signing the agreement. Security deposited shall be refunded after six months from the completion of tender after obtaining the NOCs from the Caretaker/Electrician of the College.
8. If any Tenderer withdraws before the final acceptance of the Tender or if any fails to deposit the security as prescribed, with in stipulated period the earnest money of the Tenderer is liable to be forfeited.
9. The Principal, Bharati College reserves the right to reject/accept any Tender or Tenders without assigning any reason thereof and may or may not accept the lowest or any of the Tender as the authority to accept the Tender rests with the Principal, Bharati College. He further reserves the riht to accept all for any Tender in part/parts.
10. Earnest money will be refunded to the unsuccessful Tenderers in due course in accordance with the rules of the department.
11. The Principal, Bharati College will not be liable to pay any interest on the earnest money or security deposit, which remain in its custody.
12. The Principal, Bharati college also reserves the right to forfeit the earnest money and the security deposit, if after the acceptance of the Tender, the successful Tenderer, fails to comply with any of the terms & condition set out in agreements which may be drawn up as a consequence of the acceptance of the Tender, In such cases, the right to cancel the Tender/contract is also retained by the College and the decision of the Principal, Bharati College (including forfeiture of the earnest Money/Security deposit) will be final and binding.
13. TDS will be recovered on the Gross amount payable for the work done as applicable from time to time.
14. If there is any dispute in the interpretation of any clause/clauses in the terms & condition of the contract or in case of any other dispute, the matter will be referred to the sole arbitrator nominated by Principal, Bharati College whose decision in this regard will be final & binding to both the parties.
15. If the contractor refuses to accept the work order for any specified work or fails to give the specified output, College reserves the right to get work done by other agency/contractor even at higher rates and difference of the cost will be deducted from the contractor's pending bills or security alongwith penalty, as the case may be.
16. The contractor shall receive all letters addressed to him by Principal, Bharati College either personally or through his authorised person failing which letters will be

posted to him. Department will not be responsible for non-receipt of letters & contents of such letters shall be binding on the contractor as if these letters have been received by him on the date of posting.

17. The work will be done as per directions/specification given by the concerned. All the consumable as well as parts replaced should be of original make of that ISI.
18. The contractor shall submit his bills on quarterly basis to Principal, Bharati College duly verified by concerned where the bills be processed to make payment normally within 30 Days of the receipt of bills subject to availability of funds and proper submission of bills.
19. Any attempt direct or indirect on the part of the Tenderer to influence by any means for the acceptance of a particular Tender will render the Tender liable to exclusion from consideration.
20. Next working day shall be applicable in case there happens to be a holiday on any of the dates above for sale and receipt of the Tenders.
21. Incomplete Tender, conditional Tender or Tender without earnest money is not likely to be considered.
22. In unavoidable circumstances like war, Civil Commotion, Fires, Floods Strikes or lock outs either party can intimate within 21 days of occurrence and upto 60 days on option to terminate the contract
23. The contractor will be responsible & liable to make good any losses, which may be caused to the Deptt. or/and other agency due to negligence of the contractor and of his any employees.

### **PENALTY**

24. The fault must be attended and repaired within 24 hours of receipt of intimation failing which a penalty of Rs. 500/- per day per E/A shall be imposed on the contractor. If the E/A remained unattended for more than three days the E/A can be got repaired from open market and bill will be adjusted to his running bills or security. This will be in addition to penalty imposed for the whole period for which the E/A had remained out of order till it is repaired by contractor or third party. The maximum penalty will be 10% of the total Tender cost.
25. The contractor will submit proof of payment viz challan etc for GST with the subsequent bills. The payment of bills will be made on availability of funds after sanction by the competent authority.
26. The corporation shall not be responsible for any type of losses caused to him, or to his employees due to any mishap or accident during the course of the work agreement.
27. The contractor shall himself be responsible for completing all due formalities as applicable under labour act in respect of employees employed by him for the job against this contract and College will in no way will be responsible for their pay/dues etc.
28. The contractor shall intimate to the department the particulars of the technical staff employed by him for the job and no person other than the said employees shall be allowed to enter the exchanges. The contractor himself however, may visit the exchanges only in connection with the job entrusted to him

### **TERMS AND CONDITIONS**

1. Total estimated cost of the Tender is **Rs.1.40 Lakh** including the cost of replacement of parts .
2. ***List of documents to be submitted with technical BID:***  
Documents/certificates/DDs or Receipts of payments to be submitted alongwith the qualifying bid as per clause 5 of NIT.

**Offtg. Principal  
Bharati College**

## Annexure-1

### SCOPE OF WORK DURING SERVICE

1.	Change of Engine oil and filters
2.	Cleaning of Air Cleaner
3.	Checking of all air cleaner hoses external pipes of ail cooler etc. for leakages and replacement of the same if necessary
4.	Tightening of all the mounting fasteners
5.	Checking and readjustment of tappet setting.
6.	Checking and readjustment of fuel pump timing.
7.	Cleaning of centrifuge filter at regular intervals (if provided)
8.	Cleaning of battery terminals and applying petroleum jelly.
9.	Replacement fuses of the control panel
10.	Replacing Relays of the Control Panel.
11.	Replacing Contractors of the Control Panel.
12.	Changing thimbles & lugs.
13.	Changing MCB
14.	Changing Cranking Relays
15.	Changing Stopping Relays
16.	Replacement of battery charger
17.	Checking and tightening of all the external fasteners of engine
18.	Checking all the fasteners of engine
19.	Checking all the instruments/gauges for proper working and advising for replacement of the same is found defective.
20.	Checking and advising operator for maintaining log book.
21.	Testing the engine on load for at least half an hour after every service.
22.	Attending to the minor faults in AMF Panel/Alternator
23.	Changing of carbon brushes on Alternator if required
24.	Advising customer if any abnormality found in the loading pattern.
25.	Advising customer on any of the rectification work to be done to improve the overall efficiency of the machine

<b>LIST OF SPARE PARTS COVERED UNDER COMPREHENSIVE ANNUAL MAINTENACECONTRACT</b>	
<b>Sr.No</b>	<b>Description</b>
1.	SPIN ON FILTER FOR LUBRICATING OIL
2.	FUEL FILTER ELEMENT PRE
3.	FUEL FILTER ELEMENT MICRO
4.	K OIL SUPER 20 LITRES CAN
5.	SAFETY ELEMENT FOR KFA-01-7221-(2990217224)
6.	PRIMARY ELEMENT FOR KFA-01-7221(2990217221)
7.	K COOL SUPER PLUS-50-50 PREMIX,25 LITRE CAN
8.	L.O.SUPPLY HOSE (FIP) M 10 BANJO ENDS X 235 L
9.	THERMOSTAT BYPASS HOSE
10.	KIRLOSKAR GREEN AVR (MODEL: TAVR-10) FOR A PHASE/3 PHASE
11.	HOSE (RADIATOR TO WATER PUMP PIPE (45X45X130L)
12.	HOSE (PIPE TO WATER PUMP (45X45X80L)
13.	RUBBER HOSE(COMPRESSOR OUTLET) -K24 TURBO
14.	HOSE STRAIGHT 70 MM LENGTH WITH CENTRAL HUMP
15.	HOSE (FOR WATER PIPE)
16.	HOSE FOR AIR CLEANER
17.	RUBBER HOSE FOR MAIN AIR PIPE 100X100X180 LENGTH WITH 3 STEEL RINGS
18.	V BELT(XPA 1250) COGGED
19.	V BELT COGGED (BX-48)
20.	LUBE OIL PRESSURE SENDOR,(SENSOR+SWITCH),VDO SIEMENCE (INDIA),2 TERMINAL
21.	LELEC.WT GAUGE 12V VDOMAKE
22.	SENSOR UNIT (FOR ELEC TEMP GAUGE)
23.	ELECTRICAL LUB OIL PRESSURE GAUGE 0-10BAR,12 V D C. VDO MAKE
24.	WATER TEMP.SWITCH-95+1/3 DEG (YANKEE/SIMENS VDO)
25.	KRB101ESU
26.	FUEL PIPE M14 X M 14 B, PARALLEL,750 L,9.0.I.D, SAE 100 R6
27.	CENTRIFUGE FILTER (BHAGYASHREE 0.3)
28.	VENT PIPE FOR RADIATOR
29.	MICO PUMP MOUNTED STOP SOLENOID ASSEMBLY, 24 V.D.C
30.	FUSE BASE
31.	RELAYS WITH FUSE (200 AMP)
32.	CONTRACTORS
33.	MCB
34.	BATTERY CHARGER
<b>LIST OF JOB WORK CHARGES COVERED UNDER COMPREHENSIVE AUUNAL MAINTENANCE CONTRACT</b>	
<b>Sr.No.</b>	<b>DESCRIPTION</b>
1.	SELF STARTER REPAIRS CHARGES
2.	BATTERY CHARGING ALTERNATOR REPAIRS CHARGES
3.	RADIATOR CLEANING CHARGES



## **SECTION-VIII ANNEXURE**

### **SCHEDULE OF INSPECTION OF DG SETS**

<b>Maintenance Items</b>	<b>Monthly</b>
Check hose pipe & tighten hose clamps.	√
Check and tighten V belts tension & replace belts when necessary.	√
Check and tighten DC wiring terminal ends on engine and engine production unit.	√
Carry out air cleaner maintenance.	√
Check and adjust tappet clearance.	√
Check and record engine performance parameters.	√
Check the engine protection unit for proper functioning.	√
Inspection and maintenance of electric AMF/ manual control panels i.e. checking of wiring etc.	√
Battery checking.	√
Checking of auto mode of the engines.	√
Any other related work required to keep the E/A in good running condition.	√

## **SECTION-IX**

### **SCHEDULE OF SERVICING OF DG SETS**

<b>Maintenance Items</b>	<b>Every six Months</b>
Check hose pipe & tighten hose clamps.	√
Check and tighten V belts tension & replace belts when necessary.	√
Check and tighten DC wiring terminal ends on engine and engine production unit.	√
Carry out air cleaner maintenance.	√
Check and adjust tappet clearance.	√
Check and record engine performance parameters.	√
Check the engine protection unit for proper functioning.	√
Inspection and maintenance of electric AMF/ manual control panels i.e. checking of wiring etc.	√
Battery checking.	√
Checking of auto mode of the engines.	√
Any other related work required to keep the E/A in good running condition.	√
Draining of lubricating oil from the sumps, lub oil cooler. Cleaning the lub oil strainer as per manufacturers practice	√
Renew lubricating oil prime lubricating system.	√
Providing replacement of lub oil filter/fuel filter element as per manufacturers standard practice.	√