



P.G.D.A.V. College (Eve.)
(University of Delhi)
Nehru Nagar, New Delhi-110065

NOTICE INVITING TENDER

F.No.7/82/Eve.

Dated: September 18th, 2023

Double cover sealed Bids-Technical as well as Financial- on behalf of The Principal, P.G.D.A.V. College (Evening) are invited from the eligible and qualified bidders for supply, installation and maintenance of one 250 KVA KIRLOSKAR Green DG set (CPCB-IV+ compliant) at P.G.D.A.V. College Evening premises.

The tender documents can be obtained from the College office from 18th September to 30th September 2023 during working hours (from 1400 hrs. to 1930 hrs. on payment of Rs.1,000/- only or download from the <https://gem.gov.in/> and college website <https://pgdavecollege.in>

The "Tender Document" in sealed covers duly addressed to The Principal, P.G.D.A.V. College (Evening), Nehru Nagar, New Delhi, along with EMD Demand Draft of Rs.1,00,000/- (Rupees One Lakh only) in favor of P.G.D.A.V. College (Evening), New Delhi should be submitted on or before 30th September 2023 by 1700 hrs. in the college office.

Tender shall remain open / valid for acceptance for a period of 120 days from the date of opening of tenders.

The Owner is not bound to accept the lowest tender and reserves the right to itself, to reject any or all the tenders without assigning any reason. The successful tenderer would be decided on a point system. The points would be given for technical competency/experience, work experience, along with the Financial Bids.

Prof. R.K. Gupta
Principal
प्राचार्य / PRINCIPAL
पी.जी.डी.ए.वी. महाविद्यालय (सांध्य)
P.G.D.A.V. College (Eve.)
(दिल्ली विश्वविद्यालय/Delhi University)
नेहरू नगर, /Nehru Nagar,
नई दिल्ली/New Delhi-110065



P.G.D.A.V. College (Eve.)
(University of Delhi)
Nehru Nagar, New Delhi-110065

SECTION- I: DETAILS OF TENDER

1	Details of work to be done	SUPPLY, INSTALLATION, TESTING & COMMISSIONING OF ONE NO. 250 KVA DG Set. (CPCB-IV+ Compliant) AT PGDAV College (Evening), Nehru Nagar, New Delhi - 110065.
2	Form of contract	Item rate tender
3	Earnest money (Refundable)	Rs. 1,00,000.00 (Rupees One Lakh Only) in form of demand draft in favor of "The Principal, P.G.D.A.V. College (Evening), Nehru Nagar, New Delhi-110065".
4	Period of contract / time of completion	120 Days
5	Last date and time for Receiving of sealed tender	30 th September 2023 by 1700 hrs. Interested bidders may download the tender enquiry documents and submit their tenders offline at PGDAV College (Evening), University of Delhi, Nehru Nagar, New Delhi-110065
6	Place and date of opening	Technical and Financial Bids PGDAV College (Evening), University of Delhi, Nehru Nagar, New Delhi-110065

7	Eligibility Criteria	<p>a) Experience of having timely & successfully completed similar works viz., SITC up to 250 kva DG Sets in govt. sector / PSU's/educational institutes during last 3 years ending last day of month previous to the one in which applications are invited should be either of the following: -</p> <p>[1] Two similar completed works costing not less than the amount equal to 40% of the estimated cost; Or</p> <p>[2] One similar completed work costing not less than the amount equal to 80% of the estimated cost.</p> <p>b) Should not have been blacklisted by any PSU / Govt. Department (a self-certification is required)</p> <p>c) The Bidder company/firm should have at least one branch offices(s) in Delhi/NCR for 100% support services. Documentary proof need to be submitted for office address.</p> <p>d) Copies of valid PAN Card, TIN & GST Numbers should be a mandatory requirement for all bidders and it should be clearly mentioned in tender documents.</p> <p>e) Average financial turnover during the last 3 years, ending 31st March of the previous financial year, should be at least 80% of the estimated cost.</p> <p>f) Defect Liability and free maintenance period shall be twelve months from the date of virtual completion of the works.</p> <p>g) In case of manufacturer appointed agency, a certification from OEM addressing this particular job will be required for authentication in the prescribed format.</p> <p><i>Supporting document(s) to be enclosed for above or else bids will be rejected.</i></p>
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SECTION- II: SUMMARY OF SALIENT FEATURES

1	Type of Contract	Item rate basis
2	Validity of offer	120 days from the last date of submission of bid.
3	Earnest Money Deposit (Refundable)	Rs. 1,00,000.00 (Rupees One Lakh Only) in form of demand draft in favor of "The Principal, P.G.D.A.V. College (Evening), Nehru Nagar, New Delhi-110065".
4	Date of commencement of work at site	Within 14 days from the date of issue of letter Intent.
5	Mobilization advance	10% of contract value as advance against bank guarantee.
6	Period of completion	120 days from the 7 th day of issue of letter of Intent.
7	Payment terms	<p>1. Payment Terms & Conditions:</p> <p>a) 10% of contract value as advance against bank guarantee.</p> <p>b) 40% of contract value against delivery of material.</p> <p>c) Additional 20% of the contract value on installation of DG SETS & making them operational.</p> <p>d) Balance 30% contract value shall be released after 12 months from the date of issue of virtual Completion certificate by the Architect.</p>
8	Bank Guarantee	Bank Guarantee will be treated as performance guarantee & will be released on receipt of material of DG by agency to college.

9	Refund of EMD	EMD will be released on final handover of site.
10	Period of honouring of certificates	15 days from the date of issue of certificate of payments by the Architect.
11	Defect Liability period	12 months from the date of issue of virtual Completion certificate by the Architect.
12	Liquidated Damages	0.5% per week or part there of subject to the max of 10% of total contract price.
13	Language for communication	Hindi or English
14	Insurance, Custom Duties & taxes, work Contract tax, sales tax, service tax.	To be provided and paid by contractor (price quoted to include all taxes)
15	Rates of B.O.Q's items	To be quoted all-inclusive and including all taxes, GST, charges, surcharges, cess etc. i.e., not to the College.
16	Period of submitting final bill by contractor	One month from the date of virtual completion.
17	Labour Cess	1% of contract value will be deducted by PGDAV College (Evening) as labour Cess payable to Delhi Government.
18	Water charges	Water will be provided free of cost by the client.
19	Electricity charges	0.5% of the total project cost shall be deducted towards electricity charges from contractor's final bill.
20	Signing of Agreement	Within seven days of the issue of letter of intent/work order.
21	Income tax deduction	At prevailing rate from each running bill.

Signed this _____ dated _____ 2023

Signature of contractor
with date and seal

SECTION - III: NOTICE TO CONTRACTORS

M/s _____

SUB: SUPPLY, INSTALLATION, TESTING & COMMISSIONING OF ONE NO. 250 KVA DG Set. (CPCB-IV+ Compliant) DG SET AT PGDAV COLLEGE (Evening), Nehru Nagar, NEW DELHI-110065.

Dear Sir,

1. The PGDAV College (Evening), New Delhi takes the pleasure in inviting you to tender for the aforesaid work,
2. Sealed tender should be addressed to **The Principal, PGDAV College (Evening), Nehru Nagar, New Delhi-110065.**
3. The tenders are required to submit their offer in sealed packet.
4. The clarification on technical issues, if any, may be obtained from, Mr. Vijay Pal Phone no 011-29845214 on any working day during normal working hours (i.e. 2.00 pm to 8.00 pm.).
5. The tenderer must obtain for himself on his own responsibility and at his own expenses all the information which may be necessary for the purpose of filling this tender and for entering into contract for the execution of the same and must examine the drawings and inspect the site of the work acquaint himself with all local conditions and matters pertaining thereto.
6. Each of the tender documents is required to be signed by the person or persons submitting the tender in token of his/their having acquainted himself/themselves with all the conditions/specifications, as laid down. Any tender with any of the document not so signed may be rejected.
7. Any additions and alternations made filling the tender must be attested by initial of the tenderer. Over-writing of figures is not permitted. Failure to comply with either of these conditions will render the tender void. No request, advice or any change in rates or conditions after submission of the tender will be entertained.
8. The tenderers shall deposit with PGDAV College (Evening) payable at Delhi Rs 1,00,000.00 (Rupees One Lakh Only) by Demand Draft only from any of the scheduled bank in favour of "The Principal, P.G.D.A.V. College (Evening), Nehru Nagar, New Delhi-110065" as the Earnest Money. The EMD of the unsuccessful tenderers will be returned without any interest within 45 days, after a decision is taken regarding the award of the Contract. Any tender not accompanied by the requisite Earnest Money in Demand Draft will not be considered and shall stand rejected. It may be noted that conditional Tender may be liable to be rejected. The EMD of the Tenderer shall be forfeited in the following circumstances: -
 - (i) the Tenderer withdraws their bid;
 - (ii) the tenderer either fails to start the work within a period of 14 calendar days or fails to execute the agreement within 15 days after the receipt of letter of acceptance of tender or the Letter of intent;

(iii) the Tenderer fails to supply goods / services as per the terms of the Tender and Purchase / Work Order.

(iv) Any other justified reasons e.g. misleading or wrong information in the Bid, violation of the terms and conditions of the Tender, involvement in forming ring / cartel, submission of multiple bids in different names etc.

9. Within 7 (working) days of the receipt of intimation from the PGDAV College (Evening) of the acceptance of his/their tender, the successful tenderers shall be bound to implement the Contract by signing agreement in accordance with the terms and conditions of the contract attaching herewith, but the work order or the written acceptance by the PGDAV College (Evening) of tender will constitute a binding agreement between the PGDAV College (Evening) and the Contractors so tendering whether such formal contract is or not subsequently entered into.

10. All compensations or other money payable by the Contractor to PGDAV College (Evening) under the terms of this contract may be deducted from the retention money or from any sum that may be or may become due to the Contractor on any account whatsoever and in the event of the retention money being reduced by reason of- any such deductions the Contractor shall within 7 days of being asked to do so make good in cash or cheque any sum or sums which have been deducted from his retention money.

In case, where the same item of work is mentioned at more than one place in the Schedule of quantities the lowest of the rates quoted by the Contractor for the item shall be taken for the payment of that item.

11. Time is the essence of the Contract. The work should be completed in 120 days by the Contractor from 7th day of issue of letter of Intent to commence the work. Tenders shall not claim any extension of time. However, the PGDAV College (Evening) to its sole discretion may extend the time for completion of work.

12. The contractor fails to complete the work by the schedule date of completion or within any sanctioned extended time, he will have to pay liquidated damages for the period that work remains incomplete as per the relevant clause.

13. The quantities contained in the Schedule are only approximate. The work as actually carried out and done will be measure up from time to time, for which payment will be made subject to the terms and conditions of the Contract.

14. Tender shall be valid for period of one hundred and twenty days (**120 days**) from the last date of submission of bid to PGDAV College (Evening). However, PGDAV College (Evening) is not bound to accept the lowest or any tender and reserves the right to accept or reject any or all tenders either in whole or in part, without assigning any reason for doing so along with their tender.

Prof. R.K. Gupta
Principal

SECTION - IV: LETTER INVITING TENDER

To,

SUB: SUPPLY, INSTALLATION, TESTING & COMMISSIONING OF ONE NO. 250 KVA DG Set. (CPCB-IV+ Compliant) AT PGDAV College (Evening), Nehru Nagar, New Delhi-110065.

Dear Sir,

A. Sealed item rate tenders are invited for the subject work as detailed below: A copy of tender document with one set of drawings is enclosed for submitting your offer.

Name of work: 250 KVA silent DG set PGDAV College (Evening), Nehru Nagar, New Delhi-110065

1. Time for completion of the work: 120 DAYS

2. Earnest Money Deposit: Rs.1,00,000.00- by demand draft in favour of "The Principal, P.G.D.A.V. College (Evening), Nehru Nagar, New Delhi-110065.

Important: In case the contractor withdraws his offer within The Validity period of the tender, the earnest money deposited along with tender shall stand forfeited.

B. CONDITIONAL OFFER

1. Any tenderer who proposes alterations to any of the conditions, specifications laid down in the tender documents or proposes any new conditions, whatsoever will be liable to be rejected.

2. In case any tenderers, in spite of clause 1.0 above proposes any new conditions or proposes alteration to any condition / specifications, which will have financial effect if the condition/alteration are not accepted, then at the financial effect plus or minus shall be indicated by the tenderer against each such condition/alteration proposed by the tendered for withdrawal of the condition/alteration, along with his tender offer. No financial effect shall be considered after opening of tender.

3. PGDAV College (Evening) reserves the absolute right to accept / reject any or all tenders without assigning any reason.

Kindly acknowledge the receipt of this letter with all enclosures and confirm that you will submit your order by due date.

4. PGDAV College (Evening) reserves the right to increase or decrease the quantity given in the tender. The quantities and drawing given are tentative and can vary and Change as per working drawings supplied for construction/furnishing.

Prof. R.K. Gupta

SECTION - V: STANDARD TENDER OFFER

THE P.G.D.A.V. College (Evening), Nehru Nagar, New Delhi-110065

1.0 I/We have read and examined the notice inviting tender, Schedule, specifications applicable, Drawings & Designs, General rules and Directions, Conditions of Contract, clauses of contract, Special conditions, Schedule of Quantities & other documents and Rules referred to in the conditions of contract and all other contents in the tender document for the work. We have also visited the site and are familiar with the surroundings including applicable taxes.

1.2 I/We hereby tender for the execution of the work specified for by **The Principal, PGDAV College (Evening), Nehru Nagar, New Delhi 110065** within the time specified in schedule, viz., schedule of quantities and in accordance in all respects with the specifications, designs, drawings and instructions in writing referred to in General Rules and Directions and the Conditions of contract and with such materials as are provided by and in respects in accordance with, such conditions so far as applicable.

1.3 I/We agree to keep the tender open for one hundred & twenty days (**120 days**) from the last date of submission of bid and not to make any modifications in its terms and conditions.

1.4 A sum of Rs. 1,00,000.00 (Rupees One Lakh Only) is hereby forwarded in the form of Demand Draft of a Bank as earnest money. If I/we, fail to commence the work specified I/we agree that the said The Principal, PGDAV College (Evening), Nehru Nagar, New Delhi 110065 or the authorized officer/official in office shall without prejudice to any other right or remedy, be at liberty to forfeit the said earnest money absolutely otherwise the said earnest money shall be retained by him towards performance security deposit to execute all the works referred to in the tender documents upon the terms and conditions contained or referred to therein and to carry out such deviations as may be ordered.

1.5 I/We hereby declare that I/we shall treat the tender documents drawings and other records connected with the work as secret/confidential documents and shall not communicate information derived there from to any person other than a person to whom I/we am/are authorized to communicate the same or use the information in any manner prejudicial to the safety of the Principal.

1.6 I/We agree that should I/we fail to commence the work specified in the above memorandum, an amount equal to the amount of the earnest money mentioned in the form of invitation of tender shall be absolutely forfeited by The Principal, PGDAV College (Evening), Nehru Nagar, New Delhi 110065 and the same may at the option of the competent authority on behalf of The Principal, PGDAV College (Evening), Nehru Nagar, New Delhi 110065 be recovered without prejudice to any other right or remedy available in law out of the deposit in so far as the same may extend in terms of the said bond and in the event of deficiency out of any other money due to me/us under this contract or otherwise.

1.7 Declaration -

- i. I/We have read and understood the terms and conditions given in the Tender Document;
- ii. I/We are eligible for award of the contract as per the qualification criteria mentioned in the Tender Document;
- iii. I/We have accepted and agrees to all the terms and conditions of the Tender;

- iv. I/We shall comply with all the terms and conditions of the Tender;

- v. All the information / documents provided in his bid are true to the best of my/our knowledge and belief. If at any stage, the information / documents is found to be false, misleading or incorrect then his Bid / Purchase Order shall be cancelled at his cost and risk and I/We shall indemnify the College for the loss caused due to the cancellation and I/We shall be liable for penal / legal action including black listing.

- vi. I/We understand that the College reserves the right to cancel the Tender at any stage or to cancel / reject any one or more bid without incurring any liability.

Dated.....

Sign. & Stamp of Contractor

Postal Address

Witness:

Address:

Occupation:

ACCEPTANCE

The above tender (as mentioned by you as provided in the letters mentioned hereunder) is accepted by me for and on behalf of The Principal, P.G.D.A.V. College (Evening, Nehru Nagar, New Delhi 110065 for a sum of Rs..... (Rupees

The letters referred to below shall form part of this contract Agreement:

- a)
- b)
- c)

For & on behalf of The Principal, P.G.D.A.V. College (Evening), Nehru Nagar, New Delhi 110065

Dated Signature/Designation.....

General note:

1. 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 or Secretary etc. as the case may be. Copies of the documents authorizing the Tenderers signing the Tenders on behalf of such company's firms or persons should be attached with the Tender.
2. There should be no over writing/correction in schedule of rates. If any, that must be initialled. Conditional Tenders are also liable to be rejected. The rates must be inclusive of all taxes including GST, octree, carriage and local charges etc.
3. 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.
4. The Principal, P.G.D.A.V. College (Evening) 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, P.G.D.A.V. College (Evening). He further reserves the right to accept all for any Tender in part/parts.
5. The Principal, P.G.D.A.V. College (Evening) will not be liable to pay any interest on the earnest money or security deposit, which remains in its custody.
6. The Principal, PGDAV College (Evening) 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, PGDAV College (Evening) (including forfeiture of the earnest Money/Security deposit) will be final and binding.
7. TDS will be recovered on the gross amount payable for the work done as applicable from time to time.
8. 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, PGDAV College (Evening) whose decision in this regard will be final & binding to both the parties.
9. 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 along with penalty, as the case may be.
10. The contractor shall receive all letters addressed to him by Principal, PGDAV College (Evening) either personally or through his authorized 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.

11. The work will be done as per directions/specification given by the concerned. All works should be done as per tender specifications and list of makes provided in the technical bid.
12. Work at site should be commenced within 7th days from the date of issue of letter of Intent.
13. The work should be completed within 120 days from the 7th day of issue of letter of Intent.
14. 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.
15. 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.
16. Incomplete Tender, conditional Tender or Tender without earnest money is not likely to be considered.
17. In unavoidable circumstances like War, Civil Commotion, Fires, Floods Strikes or lock outs either party can intimate within 21 days of occurrence and up to 60 days on option to terminate the contract.
18. 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.

**PRINCIPAL
PGDAV COLLEGE (EVENING) COLLEGE**

2. GENERAL TERMS AND CONDITIONS:

Interested bidders may download the tender enquiry documents and submit their tenders offline at PGDAV College (Evening). The bids are invited in a two bid system (Technical and Financial) from reputed firms and are required to be submitted in two parts, namely, (1) Technical Bid and (2) Financial Bid. The Financial Bid should be valid for 120 days from the date of opening of the Tender. Incomplete bid documents shall be rejected.

3. EARNEST MONEY DEPOSIT (EMD)& TENDER FEES:

Earnest Money Deposit (EMD) for Rs. 1,00,000.00 (Rupees One Lakh Only) in the form of Demand Draft drawn in favor of “**Principal, PGDAV College (Evening) College**” payable at New Delhi must reach by hand or through registered post to the address at “**The Principal, PGDAV College (Evening), University of Delhi, Nehru Nagar, New Delhi-110065** on or before the scheduled opening of the technical bid. The EMD will be returned to all the unsuccessful bidders at the end of the selection process. However, the EMD shall be forfeited in case the successful bidder withdraws or the details furnished in Annexure are found to be incorrect or false during the tender selection process. No interest shall be paid on the Earnest Money Deposit / EMD of successful bidder will be returned on receipt of performance bank guarantee as mentioned below.

4. BID OPENING PROCEDURE:

The Technical Bids will be opened by a committee nominated by the Competent Authority. The Financial Bids of such of those Bidders, who have qualified in the Technical Bid stage by the Evaluation Committee, will be taken up for after finalization of the Technical Bid opening process. L-1 Bidder will be selected by the system automatically.

LIST OF ANNEXURES:

- i. Annexure -A - Technical Bid - Eligibility**
- ii. Annexure - B - Qualifying Bid Document**

TECHNICAL BID - ELIGIBILITY CRITERIA

a) Experience of having timely & successfully completed similar works viz., SITC of 250 KVA DG Set. in govt. sector / PSU's during last 3 years ending last day of month previous to the one in which applications are invited should be either of the following: -

[1] Two similar completed works costing not less than the amount equal to 40% of the estimated cost. Or

[2] One similar completed work costing not less than the amount equal to 80% of the estimated cost.

b) Should not have been blacklisted by any PSU / Govt. Department (a self-certification is required)

c) The Bidder company/firm should have at least one branch offices(s) in Delhi/NCR for 100% support services. Documentary proof need to be submitted for office address.

d) Valid PAN, TIN & GST Numbers should be a mandatory requirement for all bidders and it should be clearly mentioned in tender documents.

e) Average financial turnover during the last 3 years, ending 31st March of the previous financial year, should be at least 80% of the estimated cost.

f) Defect Liability and free maintenance period shall be twelve months from the date of virtual completion of the works.

g) In case of manufacturer appointed agency, a certification from OEM addressing this particular job will be required for authentication in the prescribed format provided on next page.

Supporting document(s) to be enclosed for above or else bids will be rejected.

**PRINCIPAL
PGDAV COLLEGE (EVENING) COLLEGE**

MANUFACTURER'S AUTHORIZATION (MAF)

MAF Letter Format (On OEM Letter head with seal)

Date: _____

To,

____<<< NAME OF CLIENT/ORGANIZATION>>_____

Subject: Manufacturer's Authorization Certificate

Tender Ref.: << PLEASE SPECIFY SPECIFIC TENDER REF.NO.>>

Dear Sirs,

This is with reference to the above mentioned Tender.

We hereby authorize <<NAME AND ADDRESS >> to offer our range of product in their tender bids. Being authorized <<NAME AND ADDRESS >> may make techno-commercial and commercial proposal for this tender.

Upon being awarded the work <<NAME AND ADDRESS >> are authorized to install and commission our range of products falling under <<SECTION/PRODUCT CATEGORY>> of this tender.

We as Original Electronic Manufacturers will provide all the techno-commercial and service support necessary to <<NAME AND ADDRESS >> for this project during the commissioning phase of the equipment's and until hand-over.

Thanking and assuring best of our services at all times.

Yours faithfully

(Seal & Signature)

Annexure - B - Qualifying Bid Document

QUALIFYING BID DOCUMENT

S.No.	Description	To be filled by the bidder
1.	Name & address of the Firm/Company	
2.	Name & Designation of the authorized person submitting the Bid.	
3.	Companies specifically into execution of lift works. Proof to be submitted.	
4.	Tel. No.	
5.	E-mail	
6.	Number of years of experience in doing similar business.	
7.	<p>Experience of having timely & successfully completed similar works viz., SITC of 250 KVA DG Set in govt. sector / PSU's during last 3 years ending last day of month previous to the one in which applications are invited should be either of the following- :</p> <p>Two similar completed works costing not less than the amount equal to 40% of the estimated cost</p> <p align="center">or</p> <p>One similar completed works costing not less than the amount equal to 80% of the estimated cost.</p>	
8.	PAN No. and IT returns for the last three financial years to be uploaded).	
9.	GST Registration No.	
10.	Details of EMD and tender fees.	EMD DD No. Date: Tender fees DD No. Date:

11.	Signed copy of the NIT documents. (TO BE UPLOADED)	
12.	The Bidder company/ firm should have at least one branch offices(s) in Delhi/NCR for 100% support services. Documentary proof need to be submitted for office address.	
13.	Should not have been blacklisted by any PSU / Govt. Department.	

DECLARATION:

(i). I/We have read and understood the terms and conditions given in the Tender Document;

(ii) I/We are eligible for award of the contract as per the qualification criteria mentioned in the Tender Document;

(iii) I/We have accepted and agrees to all the terms and conditions of the Tender;

(iv) I/We shall comply with all the terms and conditions of the Tender;

(v) All the information / documents provided in his bid are true to the best of my/our knowledge and belief. If at any stage, the information / documents is found to be false, misleading or incorrect then his Bid / Purchase Order shall be cancelled at his cost and risk and I/We shall indemnify the College for the loss caused due to the cancellation and I/We shall be liable for penal / legal action including black listing.

(vi) I/We understand that the College reserves the right to cancel the Tender at any stage or to cancel / reject any one or more bid without incurring any liability.

Dated _____

Sign. & Stamp of Contractor

Postal Address

Witness:

Address:

Occupation:

SPECIAL CONDITIONS OF THE CONTRACT

1.1.0 Insurance for Works

The contractor at the time of signing the contract or before commencing the execution of work, without limiting his obligations and responsibilities shall insure the works at his own cost and keep them insured until the virtual completion of the contract against all acts of God including Fire, Theft, Riots, War, Floods etc. with a Nationalized Insurance company in the joint names of the employer and the contractor (the name of the former being placed first in the policy) for the full amount of the contract. Such policy shall cover the property of the employer and fees for assessing the claim and in connection with its services generally therein and shall not cover any property of the Contractor or of any sub-contractor or employee.

The contractor shall deposit the policy and receipt for the premiums with the employer within fourteen (14) days, from the date of signing of the contract/commencement of the execution of the work or unless otherwise instructed by the employer. In default of the contractor insuring as provided above, the employer on his behalf may so insure and may deduct the premiums paid from any moneys due on which may become due to the contractor. The contractor shall as soon any claim under the policy is settled on the work reinstated by the Insurance office should elect to do so, proceed with all due diligence with, the completion of the works in the same manner as through the misfortune/accident had not occurred and in all respects under the same conditions of the contract. The contractor in case of rebuilding or reimbursement after accident shall be entitled to such extension of time for completion, as the employer deems fit.

1.1.1 Insurance in respect of damage to persons and property

a. The contractor shall be responsible for all injury to persons, animals or things and for all structural and decorative damage to property which may arise from the operation or neglect of himself or of any approved sub-contractor's or employees, whether such injury or damage arise from carelessness, accident or any other cause whatsoever in any way connected with the carrying out of this contract. The clause shall be held to include any damage to buildings, whether immediately adjacent or otherwise, and any damage to roads, streets, foot paths, bridges and works forming the subject of this contract by frost or other inclemency of the weather. The contractor shall indemnify the employer and hold him harmless damage to persons or property as aforesaid and also respect of any claims made in respect of injury or

damage under any Acts of Government or otherwise and also in respect of any award of compensation of damages consequent upon such claims.

b. The contractor shall reinstate all damages of every sort mentioned in this clause, so as to deliver up the whole of the contract works complete and perfect in every respect and so as to make good or otherwise satisfy all claims for damage to the property of third parties.

c. The contractor shall indemnify the employer against all claims which may be made against the employer by any member of the public or other third party in respect of works in consequence thereof and shall at his own expense arrange to effect and maintain, until the virtual completion of the contract, with any Nationalized Insurance company in the joint name of the employer and the contractor against such risks and deposit such policy or policies with the employer from time to time during the currency of this contract. The contractor shall similarly indemnify the employer against all claims which may be made upon the employer whether under the Workman's Compensation Act or any other statute in force during the currency of this contract or at common law in respect of any employee of the contractor or any sub-contractor and shall at his own expenses effect and maintain with an approved office a policy of Insurance in the joint names of the employer and the contractor against such risks and deposit such policy or policies with the employer and the contractor against such risks and deposit such policy or policies with the employer from time to time during the currency of the contract. The contractor shall be responsible for anything which may be excluded from the insurance policies above referred to and also for all other damages to any property arising out of and incidental to the negligent or defective carrying out of this contract. He shall also indemnify the employer in respect of any costs, charges or expenses arising out of any claim or proceedings and also in respect of any award of or compensation of damages arising there from.

d. The employer shall be at liberty and is empowered to deduct the amount of any damages, compensation costs, charges and expenses arising or occurring from or in respect of any such claim or damage from any sum or sums due to or become due to the contractor including the security deposit.

e. If the contractor fails to comply with the terms of these conditions, the employer may insure the works and may deduct the amount of the premiums paid from any moneys that may be

or become payable to the contractor or may at the option, not release running payment to the contractor until the contractor shall have complied with the terms of this condition.

f. Such insurance whether affected by the employer or the contractor will not limit or bar the liability and obligation of the contractor to deliver the works to the employer completed in all respects according to the contract. In case of loss or damage due to any of the aforesaid clause, the moneys payable under any such insurance shall be received and retained by the employer until the works are finally completed and such moneys shall then be credited to the contractor in final settlement of accounts.

g. The works shall be executed in close co-ordination with the progress of other work. This being absence of the contract, no claim for idles labour will be entertained.

2.0 SCOPE OF CONTRACT:

The Contractor shall carry out and complete the said SITC of one no. 250 KVA DG Set. (CPCB-IV+ Compliant) works for college complete in every respect in accordance with Contract and with the directions of and to the satisfaction of the Architects/Employer and the employer. The Architects/Employer may in their absolute discretion and from time to time, issue further written instructions, details, directions and explanations which are hereafter collectively referred to as "Architect's Instructions" in regard to:

- a) The variations or modifications of the design quality or quantity of works or the addition or deletion or substitute of any work.
- b) Any discrepancy in the drawings or between the Schedule of Quantities and/or drawings and/or Specifications.
- (c) The removal and / or re-execution or any works executed by the Contractor.
- (d) The removal from the site of any material brought there on by the contractor and the Substitution of any other material there from.
- (e) The dismissal from the works of any person / persons employed thereupon.
- (f) The opening up for inspection of any work covered up.
- (g) The amending and making good of any defects under clause "Removal of Improper Work and Material".

The Contractor shall forthwith comply and fully execute any work comprised in such Architect's/Employer Instructions provided always that verbal instruction. Directions and explanations given to the Contractor or his representative upon the works by the Architects/Employer shall, if involving a variation, be confirmed in writing by the Contractor

within 3 days and if not dissented from in writing within further 3 days by the Architect. Such shall be deemed to be the Architect's instructions within the scope of the contract.

If compliance with the Architect's instructions as aforesaid involved work and/or expense and/or loss beyond that contemplated by the Contract. Then unless the same were issued owing to some breach of this contract by the Contractors. The Employer shall pay to the Contractor on the Architect's Certificate, the price of the said work (as an extra to be valued as herein after provided) and/or expense and/or loss.

3. SCHEDULE OF QUANTITIES:

The Schedule of Quantities unless otherwise stated shall be deemed to have been prepared in accordance with the method of measurements specified in the particular specifications and shall be considered to be approximate. The employer does not undertake to carry out the whole of work as shown in the drawings and taken in the schedule of quantities and reserves the right to modify the same or any part thereof. The Contractor shall not be allowed any compensations or damages for the work so omitted or cancelled by the employer. Each tender item should be filled in with the rates and amounts in separate columns and all the sections should be totalled up in order to show the aggregate value of the entire tender. The rates should be filled both in figures and words for each item and in case of discrepancy the rates filled in words shall be considered as correct for the evaluation of tender amount. The initials of the tenderers shall duly attest all corrections in the tender Schedule. Corrections, which are not attested, may entail the rejection of tender.

4. SUFFICIENCY OF SCHEDULE OF QUANTITIES:

The Contractor shall be deemed to have satisfied himself before tendering as to the correctness and sufficiency of his tender for the works and of the prices stated in the Schedule of Quantities and/or the Schedule of Rate and Prices, which rates and prices shall cover all their obligations under the contract, and all matters and things necessary for the proper completion of the works.

5. ERRORS IN SCHEDULE OF QUANTITIES:

Should any error appear in the Schedule of Quantities, other than in the Contractor's prices and calculations, it shall be rectified and such rectification shall not vitiate the contract but shall constitute a variation of the Contract and be dealt with as an authorized extra or deduction.

6. CONTRACTOR TO PROVIDE EVERYTHING NECESSARY

The contractor shall provide everything necessary for the proper execution of works according to the true intent and meaning of the drawings, General conditions; specifications and Schedule of Quantities taken together whether the same may or may not be particularly shown or described therein, provided that the same can reasonably be inferred there from and if the Contractor finds any discrepancy in the drawings or between the drawings, general conditions, specifications and Schedule of Quantities. He shall immediately refer the same in writing to the Architect, who shall decide in consultation with the employer which shall be followed and their decisions shall be final and binding in the matter.

The Contractor shall supply, fix and maintain at his own cost, during the execution of any works, all necessary cantering; scaffolding, staging, planking, strutting, hoarding, watching and lighting by nights as well as by day required not only for the proper execution and protection of the said works, but also for the protection of the public and the safety of any adjacent roads, streets, collars, vaults, pavements, walls, houses, building all other erections, matters or things. The Contractors shall take down and remove any or all such cantering, scaffolding, staging, planking, strutting, etc. as occasion shall require or when ordered so to do and shall fully reinstate at his own cost and make good all the matters and things disturbed during the execution of the works to the satisfaction of the Architects/Employer.

7. AUTHORITIES, NOTICES, PATENT, RIGHTS AND ROYALTIES:

The contractor shall conform to the provisions of the statutes relating to the works, and to the Regulation and bye-laws of any local authority, and or any water, lighting and other Companies and / or Authorities with whose systems and the executed works building proposed to be connected, and shall before making any variation from the drawings or specifications. That may be necessitated, by so conforming give to the Architects/Employer written notice with a copy to the Employer specifying the variations proposed to be made and the reason for the making it and apply for instruction thereon. In case, the contractor shall not within ten days receive such instructions, he shall proceed with the work conforming with the provisions regulations or bye-laws in Question.

The Contractor shall bring to the attention of the architect/employer all notices required by the said acts, regulations or bye-laws to be given to any Authority, and pay to such Authority or to any Public Officer all fees that may be properly chargeable in respect of the works and lodge the receipts with the Architect/Employer.

The Contractor shall indemnify the Employer against all claims in respect of patent rights designs, trademarks or name of other projected rights in respect of any work or material used for or in connection with the works or temporary works and from and against all claims, demands, proceedings damages, costs, charges and expenses whatsoever in respect thereof or in relation thereto. The Contractor shall defend all actions arising from such claims, and shall himself pay all royalties, license fees, damages, cost and charges of all and every sort that may be legally incurred in respect thereof.

8. MATERIAL AND WORKMANSHIP TO CONFORM TO DESCRIPTION:

All materials and workmanship shall, as far as procurable be of the respective kinds specified in the Schedule of Quantities and/or specifications and in accordance with the Architects/Employer instructions and the Contractor shall upon the request of the Architect's furnish to them all invoices, accounts, receipts and the other vouchers to prove that the materials comply therewith. The contractor shall at his own cost arrange for and / or carry any test of any materials which the Architect and Employer may require.

It will always be the responsibility of the Contractor to select and obtain all materials of good quality from the manufacturers without having any manufacturing defect there.

9. THE SETTING OUT

The Contractor shall at his own expense set out the works accurately in accordance with plans and to the complete satisfaction of the Architect. The Contractor shall be solely responsible for the true and perfect setting out of the same and for the correctness of the positions, levels, dimensions, and alignment of all parts thereof. If at any time any error in the respect shall appear during the progress or on completion of any part of the work. The Contractor shall at his cost rectify such error if called upon to do so to the satisfaction of the Architect and the Employer. The Architect and/or his representatives shall from time to time inspect the work. But such inspections shall not exonerate the Contractor in any way from his obligations to remedy any defects at his own cost which may be found exist at any stage of the work or after the same is completed.

10. The Contractor shall be solely responsible at all times for the use of good quality materials and for doing good workmanship even though the, Employer/ Architects have failed to bring to his notice during their inspection of works about use of some defective materials, and bad workmanship during the execution of the works and after completion of the works. In all cases

of faulty execution and finish of the works due to use of faulty, defective and inferior materials, used in the works. And due to their bad workmanship Contractor shall be liable for the payment towards damages to the Employer as ascertained by the Architect/Owner and/or he shall have to rectify the same works at his cost.

11. CONTRACTOR'S SUPERINTENDENCE & REPRESENTATIVE ON WORKS:

11.1 The contractor shall give all necessary personal superintendence during the execution of the works and so long thereafter as the Architect may consider it necessary until the expiration of the " Defects Liability period" as stated in the contract. The Contractor shall meet the Architect or their/his representatives whenever required and so informed by the Architect.

12. UNFIXED MATERIAL

When any materials intended for the works shall have been placed at site by the contractor, such materials shall not be removed there from (except for the purpose of being used on the works) without the written authority of the architect and when the contractor shall have received payment in respect of any Certificate in which the Architect shall have stated that he has taken into account the value of such unfixed materials on the works such materials shall become the property of the employer and the contractor shall be liable for any loss or damage to any such materials. The payment certified against value of any unfixed materials shall not in any way exonerate the contractor from his obligation the supply of good, quality materials, which may be found to exist at any stage of work even after the same is completed.

13. REMOVAL OF IMPROPER WORK AND MATERIAL

The Architects/Employer shall during the progress of the works, have power to order in writing from time to time the removal from the works, within such reasonable time/ times, as may be specified in the order, of any materials which in the opinion of the Architect are not accordance with the specifications or the instructions of the Architect, and the substitution of proper materials and the removal and proper re execution of any work, which has been executed with materials or workman ship, not in accordance with the drawings and specification or instructions, and the contractor shall forthwith carry out such orders at his own cost, In case of default on the part of the contractor to carry out such orders, the employer shall have to employ and pay other persons to carry out the same and all expense consequent thereon or incidental thereto shall be borne by the Contractor, and shall be

recovered or may be deducted by the Architects/Employer from any money due or may become due to the contractor.

In lieu of correcting work not done in accordance with the contract, the Architect may allow such work to remain and in that case may make allowance for the difference in value together with such further allowance for damage to the employer, as his option may be reasonable.

14. CERTIFICATE OF VIRTUAL COMPLETION:

The Contractor shall intimate in writing to the Architects/Employer as and when the works are complete in all respects in order to enable the Architect to intimate the Employer to take possession of the same. The works shall not be considered as virtually completed, until the Architects/Employer have carried in writing that the same have been 'Virtually complied'.

The defects liability period shall commence from the date of such Virtual Completion Certificate.

15. OTHER PERSONS ENGAGED BY THE EMPLOYER:

The employer reserves the right to use the premises and any portions of the site for the execution of any work not included in this contract which he may desire to have carried out by other persons, and the Contractor is to allow all reasonable facilities for the execution of such work, but is not required to provide any plant or materials for the execution of such work, except by special arrangement with the employer. Such work shall be carried out in such a manner as not to impede the progress of the works included in the Contract, and the Contractor shall not be responsible for any damage or delay which may happen to or be occasioned by such work.

16. FIRE INSURANCE

a) The Contractor shall at the time of signing the contract insure the works and keep them insured until the virtual completion of the contract, against loss or damage by fire and all natural calamities and against all other risks in an office to be approved by the Employer in the joint names of the Employer and Contractor (the name of the former being placed first in the policy) for the full amount of the contract and for further sum if called upon 'to do so by the Architect, the premium of such further sum being allowed to the Contractor as an authorized extra.

Such policy shall cover the property of the employer only, and shall not cover any property of the Contractor or of any sub-contractor or employees. The contractor shall deposit the policy and receipts for the premiums with the Employer within 10 days from the date of signing the Contract. In default of the Contractor insuring as provided above, the employer on his behalf may so insure and may deduct the premiums paid from any money due or which may become due to the contractor. The Contractor shall as soon as the claim under the policy is settled, or the work reinstated by the Insurance Office should they elect to do so proceed with all due diligence with the completion of the works in the same manner as though the fire had not occurred and in all respects under the same conditions of contract. The Contractor in case, of rebuilding or reinstatement after fire, shall be entitled to such extension of time for completion as the architect deems fit in consultation with the owner.

b) The amount so due as aforesaid shall be the total value of the works duly executed and of the contract materials and goods delivered upon the site for use in the works up to and including a date not more than seven days prior to the date of the said Certificate less the amount to be detained by the Employer (as hereinafter provided) and less any instalments previously paid under this clause. Provided that such Certificates shall only include the value of the said materials and goods as and from time as they are reasonably properly and not prematurely brought upon the site and then only if property stored and /or protected against weather.

17. PAYMENT OF WAGES OF LABOUR BY THE CONTRACTOR

a) The contractor shall pay to the labour engaged by him in connection with work directly or indirectly through sub-contractors, wages not less than the minimum fixed by the appropriate Government Authorities under minimum wages Act, 1946, as amended and shall duly and properly comply with or ensure compliance with, a legislation laws, rules or regulations relating to the Employment of labour. The Contractor shall be liable for any damages or loss caused to the Owner by violation of the provisions of this clause. A violation of this clause shall also be deemed to be a breach of Contract. If the employer is called upon to make any payment towards wages etc. of the labour employed by the Contractor, the same will be done from the outstanding payments against pending or future bills of the Contractor.

b) The contractor shall be solely responsible for the labour/ personnel employed and that the personnel provided by the contractor shall and will not make any claim to become employees

of the Employer and that there will be no Employee and Employer relationship between the personnel engaged by the Contractor and the Employer.

c) The Contractor shall be fully responsible for timely monthly payment of wages and any other dues to the personnel deployed by the Contractor by 7th of every month in presence of official of the Employer, deputed for this specific purpose.

d) Further the Contractor while submitting their bill for payment shall solely and also be responsible to submit documentary evidence of having submitted ESI and EPF amount (both employers and employee's contribution) in the respective account of the worker for the period for which bill is raised, copies of challans and worker's permanent ESI account card/certificate.

18. FAILURE BY CONTRACTOR TO COMPLY WITH ARCHITECTS/EMPLOYER INSTRUCTION:

If the Contractor after receipt of writing notice from the Architect requiring compliance with such further drawing and/or Architect's instructions, fails within seven days to comply with the same, the Architect may employ and pay other persons to execute any such work whatsoever as may be necessary to give effect thereto and all costs incurred in connection therewith shall be recoverable from the Contractors by the Owner on a Certificate by the Architect as a debit or may be deducted by him from any moneys due or which may become due to the Contractor.

19. If there are any discrepancies omission and errors in meaning or the actual contents of each item of Schedule of Quantities and other conditions of all the tender documents, the reasoning, the opinion and decision given by the Architect shall be taken as final and binding on both parties without any further appeal.

20. SUSPENSION OF WORKS:

If the Contractor, except on account of any legal restraint upon the Employer preventing the continuance of the works or on account of any of the causes mentioned in the Clause "Extension of Time", shall suspend works or in the opinion of the Architects/Employer, shall neglect fail to proceed with due diligence in the performance of his part of the Contract or if he shall more than once make default in the respects mentioned in clause 23 (removal of improper work and materials), the Employer through the Architect shall have the power to

give notice in writing to the Contractor requiring that the works be proceeded within a reasonable manner, and with reasonable dispatch, such notice shall not be unreasonably given and must signify that it purports to be a notice under the provisions of this clause and must specify the acts or defaults on the part of the Contractor upon which it is based. After such notice shall have been given, the Contractor shall not remove the site of works or from any ground contiguous there to any plant or materials belonging to him which shall have been placed thereon for the purpose of the work and the Employer shall have lien upon such plants and materials to subsist from date of such notice being given until the notice shall have been complied with. Provided always that such hence shall not under any circumstance subsist after the expiration of 30 (thirty) days from the date of such notice given, unless the Employer shall have entered upon and taken possession of the works and site as hereinafter provided.

If the Contractor shall fail (07) seven days after such notice has been given, to proceed with the works as therein prescribed, the Employer may enter upon and take possession of works and site, and of all such plants and materials thereon intended to be used for the works, and the Employer shall retain and hold a been upon all such plants and materials until the work shall have been completed under powers hereinafter conferred upon him.

If the Employer shall exercise the above power, he may engage any other person to complete the works and exclude the Contractor his agents and servants from entry upon or access to the same, except that the Contractor or any person appointed in writing may have access at all times during the progress of the works to inspect, survey and measure the works. Such written appointments or a copy thereof shall be delivered to the Architects/Employer before the person appointed comes on to the works and the Employer shall take such steps as in the opinion of the Architect/Employer may be reasonably necessary for completing the works, without undue delay of expense using for that purpose the plant and materials above mentioned in so far so they are suitable and adapted to such use.

Upon the completion of the works, the Architect/Employer shall certify the amount of the expenses properly incurred consequent and incidental to the default of the Contractor as aforesaid and in completing the works by other persons.

Should the amount so certified as the expenses properly incurred be less than the amount which should have been due to the Contractor upon the completion of the works by him. the difference shall be paid to the Contractor by the Employer should the amount of the former

exceed the latter, the difference shall be paid by the Contractor to the Employer. The Employer shall not be liable to make any further payments or compensations to the Contractor for or on account of the proper use of the plant for the completion of the works under the provision herein before mentioned other than such payments as is included in the Contract.

After the works shall have been so completed by persons other than the contractor, under the provisions herein before contained, the Architect shall give notice to the contractor to remove his plant and all surplus materials as may not have been used in the completion of the works from the site. If such plant and materials are not removed within a period of 14 days after the notice shall have been given, the Employer may remove and sell the same, holding the proceeding loss the cost of the removal and sale to the credit of the Contractor. The Owner shall not be responsible for any loss sustained by the Contractor from the sale of the plant and materials etc. in the event of the Contractor not removing it after notice.

21. CERTIFICATES AND PAYMENTS:

The Contractor shall be paid by the Employer from time to time, by instalments under Interim Certificates to be issued by the Architect on the bills submitted by the Contractor in the Performa prescribed by the Employer on account of the work executed when in the opinion of the Architect, work to the approximate value, named in the Appendix as 'Value of Work for Interim Certificates (or less at the reasonable discretion of the Architects/Employer) has been executed in accordance with this Contract.

The Payment shall, however, to a retention of the percentage of such value named in the Appendix hereto mentioned as 'Retention Percentage until the total amount, retained shall reach the sum named in the appendix as 'Total Retention Money' after which time the instalments shall be up to the full value of the work subsequently so executed. The Architects/Employer may in their discretion include such amount, as they may consider proper on account of materials delivered upon the site by the Contractor for use in the work.

And when the works have been virtually completed and the Architect shall have certified in writing that they have been completed. The Contractor shall be paid by the Employer in accordance with the Certificate to be issued by the Architect the sum of money named in the Appendix as 'Instalment after Virtual Completion', being a part of the said Total Retention Money. The Contractor shall be entitled to the payment of the final balance in accordance with the final certificate to be issued in writing by the Architect/ Employer at the expiration of the

period referred to as 'The Defects Liability Period' in the Appendix hereto from the date of Virtual Completion or as soon after the expiration of such period as the works shall have been finally completed and all defects made good according to the true intent and meaning hereof, whichever shall happen, provided always that the issue by the Architect of any certificate during the progress of the works or at or after the completion shall not relieve the Contractor from his liabilities in cases of fraud, dishonesty or fraudulent concealment relating to the works or materials or any matter dealt with in the certificate, and in case of all defects and insufficiency in the works or materials which reasonable examination would not have disclosed. No certificate of the Architect shall of itself be conclusive evidence that any works or materials to which it relates are in accordance with the contract.

The Architect shall have power to withhold any Certificate if any works or any parts thereof are not being carried out to his satisfaction. The Architect may by any certificate make any correction in any previous certificate, which shall have been issued by him.

All efforts shall be made so that invariably the payment upon the Architect's Certificates are made within the period named in the Appendix as Period of Honouring of Certificates after such certificates have been delivered to the Employer. Notwithstanding the aforesaid, the Employer shall have a right to withhold payment of pending of future bills of the Contractor if there is any demand from his workers for payment of wages etc. which he is legally bound to pay, and adjust, the same against such bills and release the balance amount, if any, to him.

22. NOTICE IN WRITING:

Written Notices for the Employer, the Architect, or the Contractor may be served personally or otherwise proved to have been received or sent by registered post to the last known place of abode or business of the party to whom the same is to be given or in the case of a Company or Corporation, Notices may be served at or sent by registered post to the Registered Offices of the Company or Corporation.

Any notice sent by registered post shall be deemed to be served at the time, when in the ordinary course of post, it would be delivered.

That the responsibility of procuring various items of materials which will require to be incorporated in the works will be that of the Contractor. No material for incorporation of the work including Cement shall be issued to the Contractor by the Employer.

The Contractor shall indemnify the Employer against any loss caused (at any time during the execution of the said works, or during the Defects Liability Period after completion of the said works), on account of defective workmanship in works and on account of use of the materials which are not as per Specification in the said works referred to in this Contract, even though they received the payments from the Employer against the same works.

23. SETTLEMENT OF DISPUTES AND DIFFERENCES:

Any dispute, difference, controversy or claim ("Dispute") arising between the Parties out of or in relation to or in connection with this Tender / Contract, or the breach, termination, effect, validity, interpretation or application of this Tender / Contract or as to their rights, duties or liabilities hereunder, shall be addressed for mutual resolution by the authorized official of the parties. If, for any reason, such Dispute cannot be resolved amicably by the Parties, the same shall be referred to the sole arbitration of the Principal, PGDAV College (Evening) or any other person appointed by him as Sole Arbitrator. The provisions of the Arbitration and Conciliation Act, 1996 or any statutory modifications on re-enactment thereof as in force will be applicable to the arbitration proceedings. The venue of the arbitration shall be at New Delhi. The cost of the Arbitration proceedings shall be shared equally by both the parties. The language of the arbitration and the award shall be Hindi/English. The decision / award of the arbitrator shall be final and binding.

24. SERVICE OF NOTICE TO CONTRACTOR:

Any notice to be given to the Contractor under the terms of the contract shall be served by sending the same by post to or leaving the same at the address of the Contractor as shown on the tender form.

25. SERVICE OF NOTICE ON EMPLOYER:

Any notice to be given to the Employer under the terms of the contract shall be served by sending the same by post to or leaving the same at the Employer's registered office.

26. PRICES ARE FIRM AND NOT SUBJECT TO ANY VARIATION:

All rates and prices in this contract are firm for the entire period of contract. No price escalation or de-escalation or adjustment to the contract price or rates of item shall be made in respect of any increase or decrease after the submission and/or acceptance of tender, in the prevailing market rates of labour or materials etc. on account of any reason, statutory or otherwise, which may result in an increase or decrease of the cost in carrying out the work. The accepted agreement rates for various items are taken as including all the above and firm for the entire period of contract.

All liabilities that may arise due to any statutory increase in the cost of labour and/or material shall be borne by the Contractor till the entire completion of work and nothing extra shall be paid.

27. PROVIDENT FUND AND E.S.I.S.

The contractor shall bear full liability for payments under provident fund and employees State Insurance Scheme and other labour laws for his workers and staff.

28. SHOP DRAWINGS:

All DG set related samples to be got approved from the architect/employer before execution. The cost of above to be included in the tender of respective items. The Successful Tenderer shall submit Shop Drawings for review prior to execution.

29. MEASUREMENTS OF WORKS:

The Architects/Employer/Employer may from time to time intimate the Contractor that they require the works to be measured jointly and the contractor shall forthwith attend or send a qualified agent to assist the Architects/Employer/Employer or their representatives in taking such measurements and calculations and to furnish all particulars or give all assistance required by either of them.

Should the contractor not attend or neglect or omit to send such an agent then the measurements taken by the Architects/Employer shall be taken to be correct measurements of the works- The measurements. Unless otherwise stated, shall be taken in accordance with the 'method of measurements' mentioned in the particular specifications. In case of any

dispute arises in the 'Method of measurements' then the final decision given by the Architects/Employer regarding the method of measurement shall be

Taken to be correct and final by the Contractor and the Employer. The contractor or his agent may at the time of measurement take such notes and measurements as he may require.

All authorized extra works, omissions and all variations made without the Architect's knowledge, if substantially sanctioned by him in writing shall be included in such measurements.

30. In case of failure to supply the goods / services of the ordered quantity / specifications / quality in the time schedule and at the agreed rates, the Employer shall have right to purchase the same from the market at the prevalent rate and the difference between the agreed price and purchase price would be adjusted with the Retention Money / Security Deposit of the Contractor or recovered from the Contractor. Further, if the supplied items are not in accordance with the ordered items then the Employer reserves the right to reject the whole lot or accept, whole or part supply, at less than the agreed / market price. Any loss to the Employee on this account shall be adjusted with the Retention Money / Security deposit of the Contractor.

31. Black-Listing – Tenderer would be also being liable to be black-listed under following circumstances: - • Giving false, misleading or fake information / document in the tender / bid; • Withdrawing the bid after opening of the Financial bids; • Refusal to accept Work / Purchase Order at the quoted prices; • Failure to supply goods of the ordered quantity / quality / specifications at the agreed rates within the time schedule; • Adoption of any unethical or illegal practices; • Any other justified reason.

32. WATER:

Water shall be made available to the Contractor free of cost. Connection will be provided at one point in the premises and the Contractor shall have to make his own arrangements for carriage / storage of water.

33. ELECTRICITY:

The Employer shall make available electricity at the site of work to the Contractor. Temporary light points required in working area will be provided by the Contractor at his own cost in consultation with the Architect at site. The tender rates shall be quoted accordingly by the contractor.

The recovery for electricity shall be affected as per the rates paid by the Employers to the Electricity Supply Co. from time to time, from his payments due or @ 0.50% of the project cost.

34. All measurements of all items having financial value shall be entered by the contractor and compiled in the shape of the Computerized Measurement Book having pages of A-4 size.

35. The contractors shall submit his final bill to the employer within 30 days of completion of work. No further claims shall be made by the contractor after submission of the final bill and these shall be deemed to have been waived and extinguished.

36. The contractor shall forfeit his claim in case he fails to submit his bill within 9 Months after completion of his work.

37. The melba / garbage, removed from the site, shall be disposed of by the contractor at any of the approved MCD dumping ground.

38. The contractor or his authorized representative should always be available at the site of work to take instructions from departmental officers and ensure proper execution of work. No work should be done in the absence of such authorized representative.

39. The structural and other drawings for the work shall, at all times, be properly correlated before executing any work and no claim whatsoever shall be entertained in this respect.

40. The contractor shall maintain in good condition, all work executed till the completion of entire work allotted to the contractor.

41. The tendered rates for all items of work, unless specified otherwise, shall include the cost of all operations, labour, materials and other inputs involved in the execution of the items.

42. Unless otherwise specified in the Schedule of Quantities, the rates for all items of work shall be considered as inclusive of working in or under water and/or liquid mud and/or foul conditions including pumping or bailing out liquid mud or water accumulated in excavations during the progress of the work from springs, tidal or river seepage, rain, broken water mains or drains and seepage from subsoil aquifer.

43. All work and materials brought and left upon the ground by the contractor or by his orders for the purpose of forming part of the works, are to be considered to be the property of Employer and same are not to be removed or taken away by the contractor or any other person without the special license and consent in writing of the Architect, but the Employer is not to be, in any way, responsible for any loss or damage which may happen to or in respect of any such work or materials either by the same being lost or damaged by weather or otherwise.

44. No claim for idle establishment & labour, machinery & equipment's, tools & plants and the like, for any reason whatsoever, shall be admissible during the execution of work as well as after its completion.

45. The contractor or his authorized representative shall associate in collection, preparation, forwarding and testing of such samples. In case he or his authorized representative is not present or does not associate himself, the Architect shall do the needful for getting the samples collected and tested; the result of such tests and consequences thereof shall be binding on the contractor. All expenditure required for collection, preparation & forwarding the samples to the laboratory will also be recovered from the contractor.

46. Other agencies working at site may also simultaneously execute the works entrusted to them and to facilitate their working, the contractor shall make necessary provisions e.g. holes, openings, etc. for laying/burying pipes, cables, conduits, clamps, hooks etc. as may be required from time to time.

47. The work shall be carried out in such a manner so as not to interfere and disturb other works being executed by other agencies, if any.

48. Any damage done by the contractor to any existing work or work being executed by other agencies shall be made good by him at his own cost.

49. The work shall be carried out in the manner complying, in all respects with the requirement of relevant rules and regulations of the local bodies under the jurisdiction of which the work is to be executed and nothing extra shall be paid on this account.

50. On account of security consideration, there could be some restrictions on the working hours, movement of vehicles for transportation of materials and location of labour camp. The contractor shall be bound to follow all such restrictions and adjust the program for execution of work accordingly. Nothing extra shall be paid on this account.

51. For the safety of all labour directly or indirectly employed in the work for the performance of the contractor's part of this agreement, the contractors shall, in addition to the provision of CPWD safety code and directions of the Architect /Employer, make all arrangements to provide facility as per the provision of Indian Standard Specifications (Codes) & nothing extra shall be paid on this account:

52. The contractor shall have to make his own arrangement for housing facilities for staff and labour away from construction site outside the college campus and shall have to transport the labour to and from between construction site and labour camp at his own cost. No labour huts will be allowed to be constructed at the project site except for two temporary sheds for chowkidar/watchmen and storekeeper including store.

53. The right of carry out the work either in conformity with or in a manner entirely different from the terms of this tender document that may be considered most suitable before or subsequent to the receipt of tenders due to exigencies of work, is reserved with the Architect/Employer.

54. The execution of any items of work where any incidental work is actually required but not specifically stated in the tender, it is to be understood that the rate quoted by the contractor shall cover such charges also and nothing extra on account of such incidental charges, if any, shall be paid.

55. Architect/Employer Representative shall have full powers to send workmen and employ on the premises to execute fittings and other work not included in the contract. For whole operations the contractor is to afford every reasonable facility during ordinary

working hours provided such operations are carried out in such a manner as not to impede the progress of work included in this contract, in the opinion of Architect.

56. All the workers employed by contractor at site should be in a dress code with reflective jackets.

57. Rates for extra Additional, Altered or Substituted work

The rates for additional, altered or substituted work shall be worked out in accordance with the following provisions in their respective order.

i) If the rates for similar additional, altered or substituted work and directly available in the contract for the work, the contractor is bound to carry out the work at the same rates as are available in the contract for the work.

ii) If the rates for additional, altered or substituted work are not directly available in the contract for the work the rates will be derived from the rates for a similar class of work as are specified in the contract for the work.

iii) If the rates for the altered, additional or substituted work cannot be determined in the manner specified in sub-clause (i) to (ii) above, then the contractor shall within three days of the date of receipt of order to carry out the work, inform the Architect/Employer of the rate which it is intending to charge for such works supported by analysis of the rate or rates claimed (CPWD analysis). Rates finalized and approved by the Architect/Employer on the basis of these details will be final and binding. However, the architect/Employer by notice in writing will be at liberty to cancel his order to execute e such work and arrange to carry it out in such a manner as he may deem advisable, but under no circumstances shall the contractor suspend the work once ordered in writing on the plea of non-settlement of rate.

58. Reimbursement of Variation in Price

Prices and rates quoted by the Tenderers shall be considered as firm for the complete work and entire duration of the contract. No claim for extra payment due to any rise in rates of raw material and labour or due to whatsoever reasons shall be considered, not even for extended period of completion.

59. Termination of the Contract

If at any time after the commencement of the work the employer for any reason whatsoever does not require the whole or part thereof as specified in the tender to be carried out, the Employer shall have the right to terminate this Agreement and The Principal, PGDAV College (Evening) shall communicate the termination by giving a notice in writing to the contractor. The contractor shall have no claim to any payment or compensation whatsoever on account of any profit or advantage, which would have derived from the execution of the work in full, but which he did not derive in consequences the full amount of the work not having been carried out. The Contractor shall not have any claim or compensation by reason of any alterations having been made in the original specification, or the designs and instruction on which shall involve any containment of the work originally contemplated. However, in case of part cancellation, the Contractor shall be paid such amount as is commensurate to the actual work done by him till such termination notice is received.

60. Jurisdiction

The contractor and its operation shall be governed by the law of India for the time being in force, irrespective of the place of delivery of materials the place of execution of work or place of payment under this contract shall be deemed to have been entered into at New Delhi.

61. Bye Laws of Local Authorities

The contractor shall conform to the provisions of all applicable Government Acts which relate to works and to the regulations and bye laws of any local authorities. The Contractor shall give all such notices required by the said Act or Laws, etc., and pay all fees payable to such authorities and allow for these contingencies in his tendered rates including fees for encroachment, stacking charges, costs of restorations, etc., and all other fees payable to the local authorities. The Contractor shall keep the employer indemnified against all penalties and liabilities for every breach of any such Act, Rules, Regulations or Bye-laws.

Further the Contractor shall specifically ensure compliance of various Labour Laws/Acts including but not limited to with the following and their re - enactments / amendments / modifications while dealing with the employment of labour such as:

- The Payment of Wages Act, 1936
- The Minimum Wages Act, 1938
- The Workmen Compensation Act, 1923
- The Contract Labour (Regulations & Abolishing) Act.
- The Employer's Liabilities Act, 1938
- Industrial Dispute Act, 1938
- Maternity Benefit Act, 1961
- The Employees State Insurance Act, 1948
- The Payment of Bonus Act, 1965
- Employees Provident Fund Act 1991

Safety code, labour welfare Act or rules or any modification thereof any other laws and regulations framed by the Competent Legislative Authorities from time to time.

62. CONTRACTOR TO PROVIDE EVERYTHING NECESSARY

The contractor shall provide everything necessary for the proper execution of works according to the true intent and meaning of the General conditions; specifications and Schedule of Quantities taken together whether the same may or may not be particularly shown or described therein, provided that the same can reasonably be inferred there from and if the Contractor finds any discrepancy in the general conditions, specifications and Schedule of Quantities. He shall immediately refer the same in writing to the Architect, who shall decide in consultation with the employer which shall be followed and their decisions shall be final and binding in the matter. The Contractor shall supply, fix and maintain at his own cost, during the execution of any works, all necessary lighting by nights as well as by day required not only for the proper execution and protection of the said works, but also for the protection of the public and the safety of any adjacent roads, streets, collars, vaults, pavements, walls, houses, building all other erections, matters or things. The following points comes under the liability of the awarded contractor, such as:

62.1 To provide sound proof enclosure for DG SET to be installed.

62.2 The 250 KVA DG Set. (CPCB-IV+ Compliant) is to be installed on ground floor adjacent to new academic block. The foundation for the same to be taken by contractor including all lifting, crane, loading, unloading, etc. charges into consideration. Nothing extra shall be paid on this account by the PGDAV College (Evening). The architect/ employer would verify the same prior to installation of DG SET.

62.3 CPCB (Central Pollution Control Board) approval certificate to be submitted by the awarded contractor. The charges for the same are not to be levied on the college. Only statutory fees would be paid by College subject to the receipt received from the concerned authority. Apart from the statutory fees, Contractor should ensure the rates quoted by him includes any other item in his tender.

AGREEMENT (on Rs.100 non Judicial stamp paper):

The PGDAV College (Evening),
Nehru Nagar,
New Delhi-110065.

AND

M/s _____

THIS AGREEMENT is entered into on _____ 2023

BETWEEN

A. The PGDAV College (Evening), situated at Nehru Nagar, New Delhi 110065 acting through its authorized signatory The Principal {hereinafter referred to as the **“Employer”** which expression shall, unless repugnant to the context or meaning thereof, include its administrators, successors and assigns} of First Part;

AND

B. M/s _____, having its principal office at _____ (hereinafter referred to as **“Contractor”** which expression shall, unless repugnant to the context or meaning thereof, include its successors and permitted assigns and substitutes) of the Second Part.

The Employer and the Contractor are hereinafter, collectively referred to as the **“Parties”** and individually as a **“Party”**.

FOR: PROVIDING & FIXING 250 KVA DG Set. (CPCB-IV+ Compliant) AT PGDAV COLLEGE (EVENING) AT NEHRU NAGAR, NEW DELHI-110065 at the accepted tendered _____ cost _____ for Rs. _____ (Rupees _____) subject to the executed and verified quantities

WHEREAS:

WHEREAS, the Employer is desirous of employing an agency for more providing & fixing one no. 250 KVA DG Set (CPCB-IV+ Compliant) specifically stated in the Technical Bid Documents which has been annexed and is a part of the Service Agreement dated _____.

WHEREAS, the Employer after going through the various tenders submitted by various contractors and after having being satisfied by the various representations made by the **NAME OF THE CONTRACTOR SELECTED**], have decided to select **[NAME OF THE CONTRACTOR]** as Contractor for providing & fixing one no. 250 KVA DG Set (CPCB-IV+ Compliant) at the PGDAV College (Evening) premises located at **Nehru Nagar, New Delhi-110065**.

AND WHEREAS, the Contractor having represented that it has the capability and the diligence and the infrastructure to meet the obligations and the responsibilities and carry out works specified in Tender document (Annexure of this Contract) which they submitted on _____ and was accepted on _____, the Contractor has decided and is willing to undertake all the obligations and the responsibilities have been appointed as Contractor for providing & fixing 250 KVA DG Set (CPCB-IV+ Compliant) at the PGDAV College (Evening) located at **Nehru Nagar, New Delhi 110065**.

Now therefore this Agreement witnesses that Contractors, in consideration of the payment to be made by the Employer of the fees as per the terms and conditions of this Agreement and the Tender Document dated _____ and under the general supervision of the Architect/Employer, will perform and render all services in connection with the installation of 250 KVA DG Set (CPCB-IV+ Compliant) as prescribed above at the aforesaid Building, subject to the terms and conditions in this Agreement and such specialized professional services as are described in this Agreement.

1. The Contractor shall have to complete the work within 120 days from signing of Agreement.

2. Payment Terms & Conditions:

a) 10% of contract value as advance against bank guarantee.

b) 40% of contract value against delivery of material.

c) Additional 20% of the contract value on installation of 250 KVA DG Set. (CPCB-IV+ Compliant) & making them operational.

d) Balance 30% contract value shall be released after 12 months from the date of issue of virtual Completion certificate by the Architect/Employer.

SCOPE OF WORK:

The scope of work or works shall be as per items in BOQ, unless there be something either in the subject or context repugnant to such installation of 250 KVA (CPCB-IV+Compliant) DG Set works be executed and taken to mean the works by or by virtue of the contract contracted to be executed whether temporary or permanent, and whether original, altered, substituted or additional. The site shall mean the land under PGDAV College (Evening) premises, which work is to be executed under the contract or any adjacent land, area or common paths through which work is to be executed under the contract or any adjacent land, area or common paths which may be allotted or used for the purpose of carrying out the contract.

Schedule(s) referred to in these conditions shall mean the relevant schedule(s). Tendered Value means the value of the entire work as stipulated in the letter of award of work.

3. GOVERNING LAW AND JURISDICTION:

This agreement shall be constructed and interpreted in accordance with the laws of India. All disputes and difference of any kind whatsoever arising out of or in connection with this contract shall be deemed to have arisen in New Delhi and only courts having jurisdiction over Delhi shall determine the same.

Part or complete Payment will be made by the PGDAV College (Evening), New Delhi only on satisfactory completion of work in full / part thereof and value of work executed shall be determined, based on the measurements and check measurements checked and certificate given by the Architect/Employer.

4. REIMBURSEMENT OF VARIATION IN PRICE:

Prices and rates quoted by the Tenderers shall be considered as firm for the complete work and entire duration of the contract. No claim for extra payment due to any rise in rates of raw material and labour or due to whatsoever reasons shall be considered, not even for extended period of completion

5. BLACKLISTING

The Employer may by notice in writing blacklist the Contractor for suitable period in case Contractor fails to discharge its obligation under this agreement without sufficient grounds or found guilty for breach of condition(s) of the agreement, negligence, carelessness, inefficiency, fraud, mischief and misappropriation or any other type of misconduct.

6. ASSIGNMENT & SUB-LETTING

The contractor shall not assign, delegate, transfer, etc., any of their right/s and / or obligation/s under this agreement to any third person/s, concern/s, firm/s, company/ies or entity/ies.

The filled BOQ (Financial Bid) and signed original tender documents (technical bid) would be part of this Agreement.

SIGNED, SEALED AND DELIVERED

The Principal
PGDAV College (Evening)

In the presence of:

- 1.
- 2

SIGNED,
SEALED AND
DELIVERED

For and on behalf of
Contractor
by:

In the presence of:

- 1.
- 2

DG SETS & ANCILLIARIES

1 SCOPE

The scope of this section consists of but is not necessarily limited to the following:

- a. The contractor shall supply, deliver to site, hoisting into position, install, test and commission the standby power generating set together with the necessary controls and switchboards as specified and indicated in the Drawings. Protection circuits, control wiring and interlock circuits not specified or indicated in the Drawings, but deemed necessary for the safe operation of the generating system shall be provided to complete the system.
- b. Provide manufacturer's factory representative's services, including coordination, start-up and testing supervision.
- c. Testing (factory and field), start-up supervision, training and providing necessary documentation and tools for operation.
- d. Carry out performance test run at site.

2. Submission

All technical submissions shall be got approved from the Architect/Employer. Equipment submission with manufacturer's data. Shop Drawing showing the co-ordinate installation detail and control block diagram. Builder's works requirement. Detail water cooling circulation drawing complete with cooling tower, pump sizing calculation endorsed by the Contractor and Manufacturer.

Tender Title: SITC OF 250 KVA DG SET AT PGDAV College (Evening), University of Delhi, Nehru Nagar, Delhi.

Name of Work: SITC OF 250 KVA DG SET AT PGDAV College (Evening), University of Delhi, Nehru Nagar, Delhi.

SCHEDULE OF WORK / ITEM(S)

Sl.No	Description of Work / Item(s)	No.of Qty	Units	Rate	Amount
1.00	DG Set Cabling, Earthing Providing, Installing, Testing, and Commissioning of `Silent Type` Diesel Generating set along with having Prime Power Rating of 250 KVA, 415 volts at 1500 RPM, 0.8 lagging power factor at 415 V suitable for 50 Hz, 3 phase system & for 0.85 load factor confirming to new CPCB-IV+ norms and consisting of the followings: Diesel Engine Make : Kirloskar Alternator Make: Kirloskar	1.00	Each		
1.01	Diesel Engine				
1.02	Diesel engine 4 stroke water cooled, electric start, of suitable BHP at 1500 RPM suitable for above output of alternator and conforming to BS 5514, BS 649, IS 10000, capable of taking 10% over loading for one hour after 12 hours of continuous operation. The engine will be fitted complete with all the required accessories & turbo charger.				
1.03	Engine mounted Instrument Panel fitted with Microprocessor Based integrated controller and having digital display for following as per standard design of the manufacturer:				
1.04	(i) Start-stop switch with key				
1.05	(ii) Water temperature indication				
1.06	(iii) Lubrication oil pressure indication				
1.07	(iv) Lubrication oil temperature indication				
1.08	(v) Battery charging indication				
1.09	(vi) RPM indication				
1.1	(vii) Over speed indication				
1.11	(viii) Low lub. Oil trip indication				
1.12	(ix) Engine Hours indication				
1.13	Alternator				
1.14	Synchronous alternator rated at 250 KVA, 415 volts at 1500 RPM, 3 Phase 50 Hz, AC supply with 0.8 lagging power factor at 40 Degree C, 50% RH & at 1000 Meter Mean sea level. The alternator shall be having SPDP enclosure, brushless, continuous duty. Self-excited and self-regulated through AVR conforming to IS: 4722/BS 2613 suitable for tropical conditions and with class F/H insulation.				
1.15	Base Frame & Foundation				

Sl.No	Description of Work / Item(s)	No.of Qty	Units	Rate	Amount
1.16	Both the engine and alternator shall be mounted on suitable base frame made of MS channel with necessary reinforcement which shall be installed on suitable cement concrete foundation and with vibration isolation arrangement as per recommendations of manufacturer.				
1.17	Fuel tank				
1.18	Daily service fuel tank shall be as per the standard manufacturer's design with all standard accessories and fuel piping between fuel tank and diesel engine, Complete with valves, level indications & accessories as required as per specifications.				
1.19	Exhaust system				
1.2	Dry exhaust manifold with Hospital grade exhaust silencer.				
1.21	Starting system				
1.22	24 V DC starting system comprising of starter motors: voltage regulator and arrangement for initial excitation complete with suitable nos. of batteries of suitable AH rating (as per OEM standards) as required as per specifications.				
1.23	Acoustic and weather proof enclosure with arrangement for fresh air intake for cooling of the engine & alternator, extraction, discharging hot air into the atmosphere as per specifications.				
2.00	Fabrication, supply, installation, testing & commissioning of automatic mains failure control panel of suitable size to accommodate following accessories, floor-mounted type, fabricated out of 2 mm thick CRCA sheet, suitable for 250 KVA silent type DG set, dust and vermin proof, powder-coated in an approved Siemens grey shade, compartmentalized with hinged lockable doors, detachable cable gland plates made of 3 mm thick CRCA sheet, openable type rear cover and complete with aluminium bus bars of 600 Amps capacity with heat-shrinkable coloured sleeves, control terminals, and suitably sized terminal blocks for incoming and outgoing cables,	1.00	Each		
2.01	including providing interconnection with suitable sized aluminium conductor cable/solid aluminium strip and control wiring with suitable sized insulated copper conductor cable. (Drawings will be approved before fabrication of the panel.) The AMF panel should be complete with the following accessories, i.e., relays, timers,				
2.02	sets of CTs for metering and protection, energy analyser to indicate current, phase and line voltages, frequency, power factor, KWH, KVARH, and provision for overload, short circuit, restricted earth fault, under frequency, and control cabling from the AMF panel to the DG Set and elsewhere if required, all complete with accessories and interlocking, including the following:				

Sl.No	Description of Work / Item(s)	No.of Qty	Units	Rate	Amount
2.03	400 Amp Four pole 50KA (Ics = 100% Icu microprocessor release MCCB with O/L and S/C protection release -2 Nos (for DG Set supply and main supply)				
2.04	500A, AC1 rating, 4 pole, 415 V, Power Contactor. For DG Set and Mains supply - 02 Nos				
2.05	MCB SP, 10KA, 6A- 2 Nos				
2.06	Auxilairy Contactor (2NO+2NC) 6 Nos				
2.07	Digital Multifunction Meter 2 Nos				
2.08	Under Voltage Relay 2Nos				
2.09	Over Voltage Relay 2 Nos				
2.10	Reverse Power Relay 2 Nos.				
2.11	Breaker Control Switch 2 Nos				
2.12	Red, Yellow and Blue phase LED Indicator 6 Nos				
2.13	ON/OFF/Trip LED Indicator 6 Nos				
2.14	AMF Logic Relay 1 No				
2.15	DC Amp Meter 1 No				
2.16	DC Volt Meter 1 No				
2.17	12VDC Battery Charger 1 No				
2.18	Auxiliary Relay 24V DC 2 No				
2.19	Main ON/ DG ON Indicating Lamps 2 Nos				
2.20	DG Start/ Stop Push Button 2 Nos				
2.21	12 Window Annunciator 1 Nos				
3.00	Supplying and fixing of exhaust gas piping for 250 KVA DG set of 200 mm dia. welded black MS, B Class pipe conforming to IS:3589 cut to required length and installed with necessary bends, clamps, anti-vibration mountings, insulation of exhaust system with mineral wool / Rockwool 50 mm thick (120 kg / cum density) wire mesh & aluminium cladding (0.60 mm thickness) etc. as required as per specifications.	1	METER		
4.00	Supplying and erection of MS supporting structure made of MS channels and MS angles for supporting the exhaust piping of the DG set including painting with zinc chromite primer of approved shade, welding etc. complete as required.	1	KGS		
5.00	Chemical Earthing with 2 mtr long G.I. earth electrode including accessories, and providing PVC cover with 25 kg bag fill compound as required.	1	NOS		
6.00	Chemical Earthing with 2 mtr long Copper earth electrode including accessories, and providing PVC cover with 25 kg bag fill compound as required.	1	NOS		
7.00	Providing and fixing 25 mm X 5 mm copper strip in 40 mm dia G.I. pipe from earth electrode including connection with brass nut, bolt, spring, washer excavation and re-filling etc. as required.	1	METER		

Sl.No	Description of Work / Item(s)	No.of Qty	Units	Rate	Amount
8.00	Providing and fixing 25 mm X 5 mm G.I. strip in 40 mm dia G.I. pipe from earth electrode including connection with G.I. nut, bolt, spring, washer excavation and re-filling etc. as required.	1	METER		
9.00	Supplying and Laying of one number aluminium conductor, XLPE Insulated, PVC sheathed, armoured power cable of 1.1 kV grade , confirming to IS : 7098 (Part-1) 1988 of following size in the existing masonry open duct /Existing cable tray / loose for connections/ in the existing pipe etc. as required. (Make Havells /Kalinga/ Polycab/ Finolex/KEI /RR Kabel)	1	METER		
9.01	3.5 x 240 sq. mm- (2 runs required from alternator to AMF panel)				
10.00	Supplying and making end termination with brass compression gland and aluminium lugs for following size of PVC insulated and PVC sheathed / XLPE aluminium conductor cable of 1.1 kV grade as required.				
10.01	3½ X 240 sq. mm	1	EACH		
11.00	Foundation of DG Set: 1:1½:3 (1 Cement: 1½ coarse sand (zone-III) derived from natural sources : 3 graded stone aggregate 20 mm nominal size derived from natural sources) in foundation of DG set etc. including form work etc. as required.	1	CUM		

Total