

**West Bengal Pollution Control Board  
Department of Environment, Govt. of West Bengal**

**Tender/Quotation document  
for**

**Technical equipment management service (Annual operation & maintenance) of 1 No 160 KVA D.G. Set with AMF Panel, 1 No Main/Sub Main L.T. Panels, Battery Chargers with Battery, All Electrical Installation [Light/Fan/Power Point/Compound Light/Panel Etc. in office-cum-lab complex of Asansol regional office at R.S plot nos. 828(P), 836(P), 837(P) & 838/1358(P) in Mouza-Shitla (J.L No-21 at P.S: Asansol (North), Kalyanpur Satellite Township Project (KSTP), Asansol, Paschim Bardhaman.**

**Invited by:  
West Bengal Pollution Control Board  
Asansol Regional Office,  
Kalyanpur Satellite Township Project,  
PO-Paschim Dhadka, PS-Asansol(N),  
Paschim Bardhaman-713302**

**May'2026**



Memo No: -2/WPBA-OC(168)/2023

Date : /05/2026

### **TENDER/QUOTATION NOTICE**

**NIT No: Tender/Asansol/05**

#### **Section -I**

- 1) Sealed tender are hereby invited on item wise rate basis for the undernoted works as per schedule (with terms & condition) attached herewith, from the bonafide, reliable and resourceful contractors having the experience of similar type of works for which this tender is invited.
- 2) Tender/quotation will be accepted only from those who will submit the documentary evidence of having experience on execution of the similar type/nature of works, Copy of the **Trade License, GST registration no. , PAN No. & copy of professional tax paid challan**
- 3) Last date of issue of Tender/quotation paper is 11.05.2026 up to 2.00 P.M. and last date for submission of tender is 21.05.2026 up to 2.00 P.M.

The filled-in tender paper must be dropped in the tender box kept in the 2<sup>nd</sup> floor of Paribesh Bhaban, Asansol Regional Office. The tenders will be opened on 21.05.2026 at 3.30 P.M. during which tenderers or their authorized representatives may remain present.

4)

| Name of Work                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Place of Work                                                                                                                                                                                                                                                                 | Cost of tender paper | Earnest Money (To be submitted along with tender) |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|---------------------------------------------------|
| Technical equipment management service (Annual operation & maintenance of 1 No 160 KVA D.G. Set with AMF Panel, 1 No Main/Sub Main L.T. Panels, Battery Chargers with Battery, All Electrical Installation [Light/Fan/Power Point/Compound Light/Panel Etc. in office-cum-lab complex of Asansol regional office at R.S plot nos. 828(P), 836(P), 837(P) & 838/1358(P) in Mouza-Shitla (J.L No-21 at P.S: Asansol(North), Kalyanpur Satellite Township Project (KSTP), Asansol, Paschim Bardhaman (Annual overhauling of equipment will not be covered under this job) | Asansol regional office at R.S plot nos. 828(P), 836(P), 837(P) & 838/1358(P) in Mouza-Shitla (J.L No-21 at P.S: Asansol(North), Kalyanpur Satellite Township Project (KSTP), Asansol, Paschim Bardhaman (Annual overhauling of equipment will not be covered under this job) | NIL                  | NIL                                               |

*[Handwritten signature]*

- 5) Rate should be quoted item wise both in figure and words excluding all Taxes. The evaluation of the quoted value of different tenderer will be done on the base amount of the quotation excluding GST and taxes.  
However, all bill/payments will be made along with GST and other tax components. The bidder is completely responsible to comply all latest GST rules and regulations.
- 6) The acceptance of the tender will rest with the West Bengal Pollution Control Board who does not bind itself to accept the lowest tender and reserves to itself the authority to reject any or all of the quotations received and to place order to one or more firms without assigning any reason whatsoever and the quotation shall have no claim towards revision of rates or other condition if his rate is accepted.
- 7) No advance payment will be made. Payment terms to be proposed as half yearly basis subject to satisfactory performance certificate provided by the consignee
- 8) The Tender/quotation documents may be collected at Parivesh Bhawan, West Bengal Pollution Control Board, Asansol Regional Office, Kalyanpur Satellite Township Project (KSTP), Po-Dakshin Dhadka, Asansol(N), Paschim Bardhaman on & from 10.11.2023 at free of cost on any working day (except Saturdays, Sundays and Holidays).

The Quotation/tender Document may also be downloaded from the following website:  
<https://www.wbpcb.gov.in/tenders>.

Sd/-

Environmental Engineer  
In-Charge-Asansol R.O.

Memo No: -2/WPBA-OC(168)/2023

Date : /05/2026

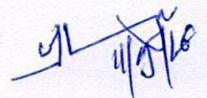
Copy forwarded for information and necessary action to: -

1. The Chief Engineer (O & E) / (Planning)
2. The Sr. Personnel Manager
3. The Chief Scientist
4. The Sr. Environment Officer-Department of Environment, Govt. of West Bengal , ARDD  
,Gosampad Bhawan, LB-2, Sector-III, Bidhannagar, Kolkata : 700 106
5. The Deputy Secretary
6. The Finance & Accounts Manager
7. P.A. to The Member Secretary
8. P.A. to The Chairman
9. The Notice Board of Paribesh Bhawan, Bidhannagar, Kolkata-106
10. Smt. Indrani Sengupta, Computer Operator -With a request to up load the matter for displaying in the website of Board.

Environmental Engineer  
(In-Charge-Asansol RO)

## **GENERAL RULES AND INSTRUCTION FOR THE GUIDANCE OF TENDERERS**

1. Sealed tender are hereby invited on behalf of West Bengal Pollution Control Board, R.S plot nos. 828(P),836(P).837(P) & 838/1358(P) in Mouza-Shitla(JL NO-21) at p.s.:Asansol(North),Kalyanpur Satellite Township Project(KSTP),Asansol, Paschim Burdhaman
2. Contract documents consisting of the schedule of quantities of the various classes of work to be done, and the set of conditions of contract to be complied with by the person whose tenders may be accepted, can be seen/ collected Parivesh Bhawan, West Bengal Pollution Control Board, Asansol Regional Office, Kalyanpur Satellite Township Project ( KSTP), Po- Dakshin Dhadka, Asansol(N), Paschim Bardhaman on & from 10.11.2023 at free of cost on any working day except on Saturdays, Sundays and Govt holidays.
3. The site for the work is available to the tenderers in its present conditions. No space other than the above site can be made available to the tenderers in for the site office, labour camps, storage etc.
4. Tender to be submitted on the printed form issued by WBPCB only. No other form of tender/quotation will be accepted.
5. Sealed Tender/quotation in the prescribed form are to be addressed to the Env. Engineer (In charge) , West Bengal Pollution Control Board , R.S plot nos. 828(P),836(P).837(P) & 838/1358(P) in Mouza-Shitla(J.L NO-21) at p.s.:Asansol(North),Kalyanpur Satellite Township Project(KSTP), Asansol, Paschim Burdhaman
6. Incomplete applications will be rejected. The Board at it's discretion may verify all credentials and inspect applicant's executed works to satisfy itself about the credibility of the tenderer.
7. The time allowed for carrying out of the work will be reckoned from the date of issue of acceptance letter or the date of handing over of site, whichever is earlier.
8. The Tenderers should quote in figures as well as in words the rate and amount tendered by them. The amount for each item should be worked out and maintained and the requisite totals should also be given.
9. All corrections shall be attested by the initials of the tenderers with seal of the firm. In case any discrepancy/ difference is found on checking between rates quoted by the tenderer in words and figures or in the amount worked out by him, the following procedure shall be followed:
  - a. When there is a difference between the rates in figures and in words, the rate which correspondence to the amount worked out by the tenderers, shall be taken as correct.
  - b. When the amount of any item is not worked out by the tenderers or it does not correspond with the rate written either in figures or in words, then the rate quoted by the tenderers in words shall be taken as correct.
  - c. When the rate quoted by the tenderers in figures and in words tallies but the amount is not worked out correctly, rate quoted by the contractor shall be taken as correct and not the amount.
  - d. Amendments as mentioned above shall be based on the tender marked "Original" only.
10. When a tenderer signs a quotation in an Indian language, the tendered amount and the total amount quoted should also be written in the same language. In the case of illiterate tenderers



the rates or the amounts tendered should be attested by a witness.

11. The acceptance of a tender will rest with the West Bengal Pollution Control Board which does not bind itself to accept the lowest tender and reserves to itself the authority to reject any or all the tenders received and to place order on one or more firms without assigning any reason whatsoever. All tenders in which any of the prescribed conditions is not fulfilled or are incomplete in any respect, are liable to be rejected. However, should it be felt necessary by the Tender committee, rate may be lowered by way of inviting Bid.
12. The Board reserves the right to accept the tender/quotation in full or in part and the tenderer shall have no claim towards revision of rates or other conditions if his/her tender is accepted in parts.
13. Canvassing in connection with quotations is strictly prohibited and the quotation submitted by the tenderers who resort to canvassing will be liable to rejection.
14. On acceptance of the quotation, the name of the accredited representative(s) of the tenderers who would be responsible for taking instructions from the Board shall be communicated to the Board by the tenderers.
15. Special care should be taken to write the rates in figures as well as in words, in such a way that interpolation is not possible. The total amount should be written both in figures and in words. In case of figures, the words 'Rs.' should be written before the figure of rupees and words 'P' after the decimal figures, e.g. Rs. 2.15 P. and in case of words, the word 'Rupees' should precede and the word 'Paisa' should be written at the end, unless the rate is in whole rupees and followed by the words 'only' it should invariably be up to two decimal places. While quoting the rates in schedule of quantities, the word 'only' should be written closely following the amount and it should not be written in the next line.
16. The Board does not bind itself to accept the lowest or any tender/quotation and reserves to itself the right of accepting the whole or any part of the tender and the tenderers shall be bound to perform the same at the rate quoted.
17. The rate is to be quoted excluding all taxes & charges. But the bidder or tenderer has to produce the GST invoice as per payment terms including all taxes. The payment will be done including the GST and tax amount. The GST or any other tax on material or on finished works like work's contract tax, Turn-over Tax, etc. in respect of this contract shall be payable by the tenderers and the Board will not entertain any claim whatsoever in this respect.
18. The tender/quotation for the work shall not be witnessed by a contractor or contractors who himself/ themselves has/ have tendered or who may and had/ have tendered for the same work. Failure to observe this condition would render tenders of the contractors tendering as well as witnessing the quotation liable to summary rejection.
19. It will be obligatory on the part of the tenderer to tender and sign quotation documents for all the component parts and that, after the work is awarded, he/she will have to enter into an agreement for each component with the competent authority in the West Bengal Pollution Control Board.
20. No claim shall be entertained or no benefit shall be derived out of any typographical, arithmetical and clerical mistakes in the papers viz. in schedule of quantities, specification, terms and conditions etc.
21. Initially, the agency will engage for period of a year. However, the contract will be renewed/extended for further period of two years (maximum up to 3rd year) subject to the

satisfactory performance of the Agency. Unsatisfactory performance in the first, second or third year or non-acceptance of the renewal of contract for the second or third year by the bidder shall attract penal action including debarment and /or blacklisting of agency.

22. Execution of work & quality of all materials to be supply/use in the project shall be conform to the latest IS Codes of Practice, BIS, ASTM (in event of no-availability of IS Specification), PWD or any other standardized specification or manufacturer's specification and shall be duly approved by the Board. the project in conformation to the latest IS Codes of Practice and ISI Mark.

23. L.T. Main Panels (1No):

Examine for dis-coloration, overheating, burning smell, pitting or any other abnormalities in the cubicle. Check for proper tightness of nut bolts in cubicle to avoid overheating and burning. Check for any warning indication in the annunciation panel.

Check for proper serviceability or protection device visually. Cross air ventilation should be ensured for better health of the cubicle

Input current intake in the different system shall have to be recorded round the clock (hourly) in the log book.

Voltage fluctuation also to be noted and any abnormalities should be brought to the notice of Engineer-in-Charge.

24. Maintenance of Battery & Others:

Topping of electrolyte batteries by adding distilled water including supply of distilled water (half yearly)

Cleaning battery terminals, cleaning all contacts, solenoids by CRC-2-26 spray solution (twice in a year)

Setting of fuses, replacement of fuses, indicating lamps. Supply of all sundry materials and necessary tools and tackles for day-to-day maintenance (tools and tackles may be taken back after completion of contract).

25. A.C Generator:

Routine servicing of the AC generator involves cleaning, lubrication of the bearing and an insulation resistance check on the windings of the machine. Both interior and exterior of machine should be kept free from any oil or dust by blowing out frequently (say every 6 months) with clean dry air at a pressure not-exceeding 3.5 Kg/Cm<sup>2</sup>. If blowing is not effective to remove oil or dust, the parts should be carefully cleaned with a rag lightly damped in white spirit.

**INSULATION TEST:** AVR and RRA are isolated from the winding and the insulation resistance is measured using a megger. Insulation resistance should be 50 MG Ohm.

**LUBRICATION:** Grease or good quality and correct quantity is used as the lubricant in the bearing. The normal re-greasing interval is around 4000 hrs. (Around 6 months). When greasing is required, ensure that the same grade of grease is used. Any lithium based equivalent grease can be used, but should be carefully checked to avoid mixing of dissimilar makes of grease. Care should be taken not grease too frequently or too liberally as this can lead to overheated bearing. The original grease should not be removed unless it has become dirty, deteriorated or caked. When the machine has to be stationary for a long period

of line, the motor should be turned periodically, to avoid setting of the grease at the bottom of the housing.

Make a daily report of Engine operation to the Maintenance Department for the following conditions:

SL 11/5/16

| Sl No | Parameter                                        |
|-------|--------------------------------------------------|
| 1     | Low lubrication oil pressure                     |
| 2     | Low power                                        |
| 3     | Abnormal water or oil temperature.               |
| 4     | Unusual engine noise.                            |
| 5     | Excessive smoke.                                 |
| 6     | Excessive use of coolant, fuel or lubricant oil. |
| 7     | Any fuel, coolant or lubricating oil leak.       |

**IC Engine of 160KVA DG Set:** 160KVA Kirloskar Diesel Generator: Prime Power 128KW/160KVA; Standby 128KW/160KVA; Engine Model: KG1-160WA1; fUel consumption 100%(L/H):45.3; Cyl. Arrangement: 6L; Intake type: Turbocharged,; Bore x Strole(mm):114x135; Type of governor: Electronic governor; Frequency: 50Hz/60Hz; Rated speed: 1500/1800 rpm; Phase/Wires: 3phase 4 wires; Displacement(L): 8.3; Dimension(mm): 2500x1000x1500; Weight(kg): 1950; Alternator: Stamford, Marathon, Leroy Somer, Faraday, Engga, Automatic controller: Deep Sea and Hassan.

**Check for the following:**

| Sl No | Checking point                                                                                                                                                                                                               |
|-------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| A     | Half Yearly basic monitoring the coolant (Radiator) level of IC Engine.                                                                                                                                                      |
| B     | Checking the tightness of the belts of 1. Fan drive 2. Water pump belt.3 Generator / Alternator belt.                                                                                                                        |
| C     | Drain sediment from fuel tank / fuel filter.                                                                                                                                                                                 |
| D     | Ensuring Filtered Air inserted in the Engine through Air Filter. If required, Change the Air Cleaner elements.                                                                                                               |
| E     | Checking the level of Lubricating oil in the IC Engine.                                                                                                                                                                      |
| F     | Change the following for every 300hrs of engine running / Every 6 months – i) Lubricating oil filter. ii) Fuel Filter. iii) SLO Bypass Filter. iv) 'O' Ring. v) Pre-mixed coolant. Vi) Engine oil. Vii) Inhibitor corrosion. |
| G     | Others as per respected operational manual.                                                                                                                                                                                  |

**26. All Electrical Installation [Light/Fan/Power Point/Compound Light/Panel Etc.**

Half yearly servicing of all Electrical Installations [Light/Fan/Power Point/Compound Light/Panel Etc. at WBPCB, Asansol Regional Office throughout the year by engaging skilled licensed Electrician who is well conversant with the electrical installation installed at WBPCB, Asansol Regional Office. Permit granted by Directorate of Electricity Board.

**RESPONSIBILITY OF THE CONTRACTOR**

1. The Lineman/Electrician etc. deputed for the purpose should have valid electrical license.
2. If any of the Lineman and Helper and other staff etc. deployed by the firm is found to be undisciplined, the firm would replace the erring person immediately on receipt of the report otherwise the contract is liable to be terminated without assigning any reason whatsoever.
3. The firm will be exclusively responsible to fulfill all the statutory requirement of the state Govt./Local authority as may be required from time to time.
4. The firm should abide by all labour laws etc. relating to deployment of personnel and should clear the State Board from any default etc. if any occurring on your part.
5. The firm would take up and lodge complain for all the cases arising out of the theft, accident, loss of property/lives etc. that may occur while discharging duties of their staff with appropriate law enforcing authorities and also pursue to Co-ordinates with appropriate authorities for its settlement.
6. The contractor shall not sublet/assign the contract work to any subcontractor or piece rated workers without any prior approval permission of the State Board.
7. The contractor shall furnish the list of contract labour that he is going to deploy for executing the contract work entrusted to him. In case there is any change/addition/deletion in the said list of persons, he shall furnish the same immediately but not later than three days of such charge/addition/deletion.

*[Handwritten signature]*

8. The contractor will alone be entitled to direct such workers about the manner of the execution without any control or interference or intervention what so ever of the State Board. The State Board will not have any connection with the contractor's workers nor will any of its officials supervise, dictate or direct the workers as to the manner of execution/completion of the job/work entrusted to the contractor under this agreement.
9. The management will have privity of contract with the contractor only and will give instruction to him and will have nothing to do nor will be concerned with the conditions of employment of the workers, as may be engaged by and working for the contractor.
10. The management will neither be entitled to retain nor exercise any control, supervision or the manner of discharge, dismissal or retrenchment or termination in any manner or re-employment of the workers engaged by the contractor.
11. The contractor will be solely liable for due observance and implementation of all statutory conditions and/or requirements of the labour laws as applicable to him as well as to his workers.
12. It will not be obligatory on the part of the contractor either to work personally for the execution of the work/job entrusted to him or to be present personally at the premises.
13. The contractor will be free to work anywhere else or to undertake any contract and can also rotate his workers (with information to the State Board), provided that he will remain responsible to the management for the proper and efficient execution of the jobs entrusted to him.
14. The contractor or his workers working at the premises of the State Board will have no right or lien whatsoever upon the premises and the contractor and/or his workers will move out of the premises at the instance of the management.
15. The State Board shall not allow deployment of and/or access to any person other than those whose name, are notified in advance by the contractor and approved by the State Board, inside the premises of the office of the Board.
16. The contractor shall indemnify the State Board against all losses or damages caused to it on account of any involvement of the persons detailed by the contractor for security purpose and the contractor shall discharge all claim and liability what-so-ever arising out of or during the cause of employing, such persons for the purpose of this contract.
17. The contractor should submit his bills in triplicate by which would be paid within reasonable time. The mode of payment will be by cheque/RTGS.

### **Electrical License**

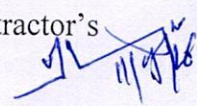
Only a Contractor/Subcontractor/authorized representative holding a valid license by the "State Government for carrying out the Electrification work of the voltage classes involved, under the direct supervision of the persons holding valid certificates issued or recognized by the State Government shall carry out the work. The tenderer should furnish with his tender the particulars of the license with validity period held by him. The successful tenderer shall furnish the names and particulars of the certificates of competency of the supervisors and workers to be engaged for carrying out this work.

### **Inspection**

The inspection Officer(s) for this contract shall be nominated by the Employer and notified to the Contractor. The cost of the inspection will be on Employer's account subject to any other provisions contained hereunder or elsewhere in the contract. One week's notice must be given by the Contractor to the Inspecting Engineer to take up the inspection.

The Contractor shall provide without any extra cost of the Employer all materials, equipment, tools, labour and maintenance of every kind which the Employer's Inspecting Engineer may consider necessary for any test and examination to be made at the Contractor's or the Sub-contractor's premises and at site and shall pay all cost attended thereon.

The Inspecting Engineer or his authorized representative shall have at all times access to the Contractor's premises and shall have the power to:



- i) Inspect and examine the materials and workmanship of the work at any time during the progress of the work.
- ii) Reject any part of the work submitted by the Contractor as not being in accordance with the Contractor.
- iii) The decision of the Inspecting Engineer as regards to the acceptance or rejection of work shall be final and binding to the Contractor.

**Taxes, Duties, etc.**

Income Tax applicable to this work as per extant rules shall be deducted from the Contractor's bills by the Employer and remitted to the Reserve Bank of India and a certificate to that effect issued to the Contractor. The Contractor shall submit current valid I.T.C.C. and GST. at the time of receiving payment.

**Important:**

Bidders are expecting to examine bidding documents carefully and requested to have received and read all documents. It shall be the responsibility of the bidder to request copies of any missing document if any. Failures to do so, will be at the bidders risk.

.....  
For and on behalf of West Bengal Pollution Control Board  
Environmental Engineer

✓ 11/11/20

## FORM OF TENDER

(To be filled up by the Tenderer)

To  
The Environmental Engineer  
West Bengal Pollution Control Board,  
Parivesh Bhavan,  
Kalyanpur Satellite Township Project(KSTP),  
P.S:Asansol(North),Asansol,  
Paschim Bardhaman,Pin-713302

Dear Sir,

Ref : Technical equipment management service (Annual operation & maintenance of 1 No 160 KVA D.G. Set with AMF Panel,1No Main/Sub Main L.T. Panels, Battery Chargers with Battery, All Electrical Installation[Light/Fan/Power Point/Compound Light/Panel Etc. in office- cum-lab complex of Asansol regional office at R.S plot nos. 828(P),836(P),837(P) & 838/1358(P) in Mouza- Shitla(J.L No-21at P.S:Asansol(North), Kalyanpur Satellite Township Project(KSTP), Asansol, Paschim Bardhaman (Annual overhauling of equipment will not be covered under this job).

1. I/We refer to the tender notice published in the Notice Board (published on 04/09/2023) as well as State Board's Notice Board and website for Technical equipment management service (Annual operation & maintenance of 1 No 160 KVA D.G. Set with AMF Panel,1No Main/Sub Main L.T. Panels, Battery Chargers with Battery, All Electrical Installation[Light/Fan/Power Point/Compound Light/Panel Etc. in office- cum-lab complex of Asansol regional office, Kalyanpur Satellite Township Project(KSTP), P.S:Asansol(North),Asansol,Paschim Bardhaman, Pin-713302.
2. I/ We do hereby offer to perform, provide, execute, complete and maintain the works in conformity with the approved drawings, conditions of contract, specifications, bill of quantities for the total value of Rs.....at the respective rates quoted in the bill of quantities.
3. I/We have satisfied myself/ ourselves as to the site conditions, examined the drawings and all aspects of the tender conditions, subject to above, I/We do hereby agree, should this tender be accepted in whole or in part, to:
4. Abide by and fulfill all the terms and provisions of the conditions annexed hereto.
5. I/ We understand that you are not bound to accept the lowest or any tender you receive.

Name of Partners/ Director of our Firm:

- i)
- ii)
- iii)
- iv) Yours faithfully

Signature\_\_\_\_\_

Designation\_\_\_\_\_

Name of the Partner/ Director of the firm authorized to sign or Name of person having power of attorney to sign the contract. (Certified true copy of power of attorney should be attached)

Signature and address of witness:

- a) Signature\_\_\_\_\_
- Name\_\_\_\_\_
- Address\_\_\_\_\_
- b) Signature\_\_\_\_\_
- Name\_\_\_\_\_
- Address\_\_\_\_\_



**Annexure-A**  
**Schedule of work for**

Asansol regional office at R.S plot nos. 828(P),836(P),837(P) & 838/1358(P) in Mouza-Shitla(J.L No-21 at P.S: - Asansol (North), Kalyanpur Satellite Township Project (KSTP), Asansol,Paschim Bardhaman (Annual overhauling of equipment will not be covered under this job).

| Sl No                                  | Item                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Unit    | Qty | Rate excluding GST/Unit | Amount |
|----------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|-----|-------------------------|--------|
| 01                                     | Servicing of KIRLOSKAR make 160 KVA 415 Volts DG set twice in 12 (twelve) months controlled by one electronic instruments panel ,Kirloskar make Generator set of salient pole brush less revolving field type , self excited by an overhung A.C. Exciter (rotating armature type ) through a rotating rectifier assembly . The machine is self regulated through a G.V.U which controls excitation to the exciter field. Electronic Governor Unit , stand by arrangement by 24 Volts battery sets , Diesels Oil Tanks inside the acoustic enclose with a capacity of 200 Liters as per manufacturers norms as follows :- |         |     |                         |        |
|                                        | A. Labour charge                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Service | 02  |                         |        |
|                                        | B. Materials                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |         |     |                         |        |
|                                        | a) Kirloskar Care Premium Genuine Oil 13 Liters Can, Part No.- 82.060.10.0.13                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | NO      | 02  |                         |        |
|                                        | b) Kirloskar Care Premium Genuine Oil 5 Liters Can, Part no.- 82.060.10.0.05                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | NO      | 02  |                         |        |
|                                        | c) SPIN ON LUBE OIL FILTER, Part no- 06.436.01.0.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | NO      | 02  |                         |        |
|                                        | d) BYPASS FILTER, Part no.- 6H.1193.02.0.PR                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | NO      | 02  |                         |        |
|                                        | e) AIR CLEANER PRIMARY ELEMENT, Part no.- 6H.413.02.0.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | NO      | 02  |                         |        |
|                                        | f) PRIMARY ELEMENT, Part no.- 3H.132.01.0.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | NO      | 02  |                         |        |
|                                        | g) SECONDARY ELEMENT, Part No: 3H.132.02.0.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | NO      | 02  |                         |        |
|                                        | h) WATER SEPERATOR, Part No- 47.278.05.0.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |         | 02  |                         |        |
|                                        | i) kirloskar Care Genuine Coolant Premix 5 Liter Can, Part No- 82.020.35.1.05                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |         | 02  |                         |        |
| 02                                     | Testing all meters and protective devices (Relays etc. ) including LT Panel with DB,s twice in 12 (twelve) months as per instruction of the Engineer- in-charge by source and submit report to E.I.C<br>(Rate should be quoted inclusive of all charges including hire charge of necessary testing set etc.)                                                                                                                                                                                                                                                                                                             | Service | 02  |                         |        |
| <b>A. Total amount excluding G.S.T</b> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |         |     |                         |        |
| <b>B. GST Amount @18%</b>              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |         |     |                         |        |
| <b>Amount (A+B)</b>                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |         |     |                         |        |

92 11/5/22

Total amount in word.....

Name & Address of the Bidder/Quotationer.....  
.....  
.....

Signature of the Quotationer with seal.....  
.....

Phone No.....  
.....

Fax No.....

Place .....  
Date .....

A handwritten signature in blue ink, appearing to be 'J. J. J. J.', is written diagonally across the right side of the page.

**Annexure-B  
ESTIMATE**

**For**

Asansol regional office at R.S plot nos. 828(P),836(P),837(P) & 838/1358(P) in Mouza-Shitla(J.L No-21 at P.S: - Asansol (North), Kalyanpur Satellite Township Project (KSTP), Asansol,Paschim Bardhaman (Annual overhauling of equipment will not be covered under this job).

| SI No                                  | Item                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Unit    | Qty | Rate excluding GST/Unit | Amount |
|----------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|-----|-------------------------|--------|
| 01                                     | Servicing of KIRLOSKAR make 160 KVA 415 Volts DG set twice in 12 (twelve) months controlled by one electronic instruments panel ,Kirloskar make Generator set of salient pole brush less revolving field type , self excited by an overhung A.C. Exciter (rotating armature type ) through a rotating rectifier assembly . The machine is self regulated through a G.V.U which controls excitation to the exciter field. Electronic Governor Unit , stand by arrangement by 24 Volts battery sets , Diesels Oil Tanks inside the acoustic enclose with a capacity of 200 Liters as per manufacturers norms as follows :- |         |     |                         |        |
|                                        | A. Labour charge                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Service | 02  |                         |        |
|                                        | B. Materials                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |         |     |                         |        |
|                                        | a) Kirloskar Care Premium Genuine Oil 13 Liters Can, Part No.- 82.060.10.0.13                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | NO      | 02  |                         |        |
|                                        | b) Kirloskar Care Premium Genuine Oil 5 Liters Can, Part no.- 82.060.10.0.05                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | NO      | 02  |                         |        |
|                                        | c) SPIN ON LUBE OIL FILTER, Part no- 06.436.01.0.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | NO      | 02  |                         |        |
|                                        | d) BYPASS FILTER, Part no.- 6H.1193.02.0.PR                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | NO      | 02  |                         |        |
|                                        | e) AIR CLEANER PRIMARY ELEMENT, Part no.- 6H.413.02.0.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | NO      | 02  |                         |        |
|                                        | f) PRIMARY ELEMENT, Part no.- 3H.132.01.0.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | NO      | 02  |                         |        |
|                                        | g) SECONDARY ELEMENT, Part No: 3H.132.02.0.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | NO      | 02  |                         |        |
|                                        | h) WATER SEPERATOR, Part No- 47.278.05.0.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |         | 02  |                         |        |
|                                        | i) kirloskar Care Genuine Coolant Premix 5 Liter Can, Part No- 82.020.35.1.05                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |         | 02  |                         |        |
| 02                                     | Testing all meters and protective devices (Relays etc. ) including LT Panel with DB,s twice in 12 (twelve) months as per instruction of the Engineer- in-charge by source and submit report to E.I.C<br>(Rate should be quoted inclusive of all charges including hire charge of necessary testing set etc.)                                                                                                                                                                                                                                                                                                             | Service | 02  |                         |        |
| <b>A. Total amount excluding G.S.T</b> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |         |     |                         |        |
| <b>B. GST Amount @18%</b>              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |         |     |                         |        |
| <b>Amount (A+B)</b>                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |         |     |                         |        |

Total amount in word: \_\_\_\_\_

*Handwritten signature/initials*