



Board of Secondary Education, Odisha, Cuttack

TENDER SCHEDULE FOR THE WORK:

**SUPPLY, INSTALLATION, TESTING & COMMISSIONING OF 100KVA SILENT
TYPE D.G SET WITH MANUAL PANEL.**

2019-20

**BOARD OF SECONDARY EDUCATION,
ODISHA, CUTTACK**

INVITATIONS FOR BIDS (IFB)

Bid Identification No. _____(Eng. Section)/Dt. _____

1. Secretary, on behalf of Board of Secondary Education, Odisha invites lumpsum bids in double Cover system conforming to the Detailed Tender Call Notice (DTCN) from Authorized dealers of D.G Set of **MAKE-JACKSON** having authorization from engine manufacturer & valid PAN, GST Registration Certificate for the item of work as indicated in the table below.

SI No	Name of work	Estimated Cost (in Rs)	EMD (in Rs)	Cost of Tender Paper	Period of Completion
(1)	(2)	(3)	(4)	(5)	(6)
1.	Supply, installation, testing & commissioning of 100 KVA silent types D.G set with manual panel.		Rs.20,000.00	5,000.00 including GST	15 (Fifteen) days

1. The Bid documents will be available in the Board Board's website **www.bseodisha.nic.in**
2. Other details can be seen in the bidding documents.
3. The authority reserves the right to cancel any or all bids without assigning any reason.

Sd/-
SECRETARY

INVITATIONS FOR BIDS (IFB)

Bid Identification No. _____ (Eng. Section)/Dt. _____

1. Secretary, on behalf of Board of Secondary Education, Odisha invites lumpsum bids in double Cover system conforming to the Detailed Tender Call Notice (DTCN) from Authorized dealers of D.G Set of **MAKE-JACKSON** having authorization from engine manufacturer & valid PAN, GST Registration Certificate for the item of work as indicated in the table below.

SI No	Name of work	Estimated Cost (in Rs)	EMD (in Rs)	Cost of Tender Paper	Period of Completion
(1)	(2)	(3)	(4)	(5)	(6)
1.	Supply, installation, testing & commissioning of 100 KVA silent type D.G set with manual panel.		Rs.20,000.00	5000.00	15 (Fifteen) days

1. The Bid documents will be available in the office from dt 24.07.2019 at 10.30 Hours till date.
2. Bids shall be received only "offline" on or before dt.07.08.2019 upto 17.00 Hours.
3. Bids received offline shall be opened at 12.00 noon on dt.08.08.2019 in the office of the Secretary in presence of the bidders who wish to attend. If the office happens to be closed on the date of opening of the bids as specified, the bids will be opened on the next working day at the same time and venue.
4. Validity of Tender: Validity of tender shall be for a period of **30 days** from the date of opening of the tender (Financial bid).
5. Technical Bids must be accompanied by original documents at the time of submission along with bid security amount and cost of the Tender Paper in the manner stated hereunder. The cost of bid documents shall be in shape of demand draft issued from any Nationalized Scheduled Bank located in the state in favour of Secretary, Bid Security (EMD) as mentioned in **Column no.4** will have to be in shape of **Demand Draft/ NSC & deposit receipt from any Nationalized Schedule Bank** duly pledged in favour of the **Secretary, Board of Secondary Education, Odisha, Cuttack, payable at Cuttack** (specified in Clause No.3 of ITB) and shall have to be valid for 45 days beyond the validity of the bid. Bids submitted without EMD or with the EMD in any other form shall be out rightly rejected.
6. All the Bids received with the original Bid security, Demand draft towards cost of Bid documents in the office of the Secretary, B.S.E, Odisha, Cuttack in two separate envelopes on or before 5.00 P.M on dt.07.08.2019 by speed post or registered post EMD and Cost of Tender Paper shall be opened on the date of Technical bid for evaluation. The Authority is not responsible for any postal delay in receipt of Tender documents with stipulated date and time. Any bid received after the stipulated date and time shall be rejected.
7. Other details can be seen in the bidding documents.
8. The authority reserves the right to cancel any or all bids without assigning any reason.
9. **Minimum Eligibility Criteria:**
 - i) The bidder must submit the authorization certificate from engine manufacturer.
 - ii) The bidder has to submit letter certifying that the Principal Company shall cover the Warranty features adequately / comprehensively for 5 Years on entire package including rubber components from the Date of Commissioning of DG set without any extra cost.
 - iii) The bidder has to submit letter certifying that the Principal Company shall provide extended warranty for at least 5 years on the Critical Components of Engine without any additional cost.

Sd/-
SECRETARY
Page-2

INFORMATION TO BIDDER (ITB)

Board of Secondary Education, Odisha

Name of work: **Supply, installation, testing & commissioning of 100 KVA silent types D.G set with manual panel for the Board of Secondary Education, Odisha, Cuttack.**

- 1. ESTIMATED COST (TENDER VALUE) : Rs.**
2. COST OF TENDER PAPER (NON REFUNDABLE) : Rs.5,000.00
3. EARNEST MONEY DEPOSIT : Rs.20,000.00

(In shape of Demand Draft/ NSC, from Nationalized/Scheduled Bank duly pledged in favour of Secretary, Board of Secondary Education, Odisha, Cuttack.)

- 4. LAST DATE OF ISSUE OF THE TENDER : Dt.07.08.2019 up to 5.00P.M.**
5. DATE OF OFFLINE RECEIPT OF TENDER : Dt.07.08.2019 up to 5.00P.M.
6. DATE OF OPENING OF TENDER : Dt.08.08.2019 at 12.00 noon

The DTCN Annexure -I (Technical Bid) shall be opened on Dt.08.08.2019 **at 12.00 noon** only in the O/o Secretary in the presence of the tenderers or their authorized representatives if remain present. The DTCN Annexure -II: (Financial Bid) shall be opened only for those tenderers who will qualify in the Technical Bid evaluation to be intimated to them in writing. The qualified tenderers or their authorized agents are advised to witness the opening of the DTCN.

- 7. TIME OF COMPLETION : 15 (Fifteen) days**
8. VALIDITY OF TENDER : After a period of 30 days from the date of opening of tender.

GENERAL CONDITIONS

1. Supplier should strictly comply all the statutory norms associated with the operation and maintenance of the equipments like emission certificate, noise and safety standard etc.
2. Equipments should be strictly as per specifications provided. Violation of technical specifications may lead to cancellation of process.
3. Foundation shall be of P.C.C type with the ratio of 1:2:4. The length, breadth and M.S window grill made out of M.S flat / square bar as per requirement of D.G. set. The work shall be done by the supplier.
4. Payment will be processed after performance test as per the format and to the best satisfaction of procurement in-charge or any other officers authorized.
5. No additional cost can be charged for accessories and attachments as finalized price is inclusive of all.
6. Warranty certificate duly certified has to be handed over to the procurement in-charge after performance test.
7. Supplier at his cost shall restore the machinery to normalcy in the event of any break down during the warranty period.
8. Periodic maintenance chart or schedule to be given by the supplier and should be adhered by to by the supplier containing the schedule or free servicing and after free servicing period on payment basis.
9. Break down service arranged by the supplier on fully payment basis beyond warranty period.
10. Service group should respond the break down or periodical servicing within two days of intimation over telephone or mail communication.
11. All the necessary details or payment of taxes and levies should be disclosed by the party to the procurement in-charge before finalization of contract.
12. Incapability of providing necessary data / false data/ suppression of data from taxation or financial or any statutory point of view may lead to cancellation of procurement process including legal proceeding as per the law.

(Signature and seal of the Tenderer)

SPECIAL TERMS & CONDITION

1. The bidder has to submit letter certifying that the Principal Company shall cover the Warranty features adequately / comprehensively for 5 Years on entire package including rubber components from the Date of Commissioning of DG sets without any extra cost.
2. Arranging for inspection of the D.G Set by the Electrical Inspector is the responsibility of the contractor. If any remark is noted by the Electrical Inspector during their inspection, the same shall be rectified by the bidder at his own cost. Inspection fees will be deposited by the supplier.
3. The rates quoted by the bidder shall be inclusive of all taxes, duties, transportation, installation and commissioning.
4. In the event of any increase in Government Taxes increased amount would be borne by the contractor.
5. The contractor should abide by the fair wages clause to his labourers.
6. During the execution of the work watch and ward responsibility lies with the contractor.
7. Any sub standard material found will have to be replaced by the contractor at his own risk and cost. Copies of cash memo for the materials procured by the agency must have to be submitted for necessary verification by the Secretary. The cost of testing of any material if required will be borne by the contractor.
8. Terms and conditions envisaged in the detailed Tender Call Notice also form a part of the General condition of the contract.
9. The minor works pointed out by the Engineer-in-charge during the inspection & in Inspection Report must be completed by the contractor and the payment will be made to the contractor after observing official formalities in case of these items not included in the existing agreement.

(Signature and seal of the Tenderer)

BOARD OF SECONDARY EDUCATION, ODISHA, CUTTACK

ITEM RATE CONTRACT NO.

(FORM OF AGREEMENT)

This indenture made theday ofbetween

Shri aged years, Son of

Shri.....at.....

P.S.....Dist.....hereinafter called the Contractor

which expression shall where ever the context so admits or implies, be deemed to include his heirs, executors and administrators of the one part, and BOARD OF SECONDARY EDUCATION, ODISHA, herein after referred to as Bard represented by its authorized Engineer in this behalf which expression shall where the context so to admits or implies, be deemed to include their successors in office and assignees of the other parts

WHEREAS Board, required the execution of certain work for supply, installation, testing and commissioning of 100 KVA silent type DG Set with manual panel, hereinafter called the said works are more particularly described in the specifications here to annexed and also required the provisions of the necessary materials therefore and the contractor has delivered to the department as per tender for the execution of the said work and the provisions and conditions hereto attached.

NOW THIS INDENTURE AS FOLLOWS

In consideration of the convene for the payment by and on behalf of BOARD OF SECONDARY EDUCATION, ODISHA hereinafter mentioned the contractor hereby covenants with the Board that he shall supply necessary machinery equipments, materials and execute and complete the commissioning in a thoroughly sound and work on like manner and comply all conditions and stipulations stated in the conditions and special conditions to execute the work as specified in the tender documents as per schedule of rates by the supplier and as explained in every respect with the said requirements, stipulations, general rules and directions and special conditions.

In consideration of the convene by the supplier hereinafter mentioned the Board hereby convene with the supplier to pay to him for the execution supply, installation, testing and commissioning of 100 KVA silent type DG Set with AMF panel of the work as aforesaid according to the manner and subject to the addition and deductions set out and declared in the said conditions.

It is hereby agreed and declared that all the provisions of the said general rules and directions tender for works with memorandum, conditions, special conditions and schedule of rates as in the tender documents shall be binding upon the contractor and BOARD OF SECONDARY EDUCATION, ODISHA as if the same had been repeated herein and shall be read as part of these presents.,

In Witness where of the parties hereto have affixed their signature and Date the

.....day.....of.....20.....

(Signature and seal of the Tenderer)

Witness.....

Address.....

Occupation.....

Witness.....

Address.....

Occupation.....

Signature
SECRETARY
BOARD OF SECONDARY
EDUCATION, ODISHA, CUTTACK

MEMORANDUM

Item Rate Agreement No.

Name of the work : Supply, installation, testing & commissioning of 100 KVA silent type D.G set with manual panel for the **Board of Secondary Education, Odisha, Cuttack.**

1. **Estimated cost (Tender value)** : **Rs.**
2. Earnest money : **Rs.20,000.00**
3. Security Deposit : 5% of Bill amount
4. Percentage to be deducted from bills. : As per terms & conditions of Agreement.
5. Time allotted for completion of the work from the date of written order to commence the work. : 15 (Fifteen) days
6. Date of written order to commence :
7. Total number of items of work tendered for (as per schedule attached here to) :

TECHNICAL CONDITION

Name of work: **Supply, installation, testing & commissioning of 100 KVA silent types D.G set with manual panel for the Board of Secondary Education, Odisha, Cuttack.**

1. The work envisages “**Supply, installation, testing & commissioning of 100 KVA silent types D.G set with manual panel for the Board of Secondary Education, Odisha, Cuttack**”. All the materials, machineries including cement, steel etc. for construction of the platform for installation in the project conforming to be specifications are to be supplied by firm as per specifications duly approved by BOARD. The make/brand of the materials/products for the work will be as per the Specification /Brand mentioned in the DTCN.
2. Supply of all materials required for the work is the responsibility of the contractor however the authority has the right to supply any items/materials to be used in the interest of the work. The contractor shall use such materials without any controversy or dispute on that account. Such materials shall be treated as stores. The rate of such materials shall be at stock issue rate to be fixed by the Authority or prevailing market rate whichever is higher.
3. The entire work project has to be completed and delivered within **15 (Fifteen) days** from the date of issue of work order.
4. Test after installation and commissions shall be in presence of authorities of the Board at the cost of the supplier.
5. Water, Electric Power Supply and Watch & Ward during construction is to be arranged by the supplier at their own cost for the entire period of installation and commissioning.
6. Bidder/firm must execute the works properly up to the specification so as to satisfy the authorities of the Board of Secondary Education, Odisha on the quantity and quality of the work.



BOARD OF SECONDARY EDUCATION, B.K.ROAD, ODISHA, CUTTACK-1

TECHNICAL BID

Tender Call Notice No- (Eng. Section) dt:-

(Original Documents are to be produced on the date of opening of Tender Paper for verification)

- 1- **Name and address of the supplier/ firm along with photo copy of Registration Certificate** :-
- 2- **Name and address of the Proprietor/Director** :-
- 3- **PAN No. (photo Copy of PAN Card to be enclosed)** :- **Yes / No**
- 4- **Photo copy I.T. Clearance Certificate (to be enclosed)** :- **Yes / No**
- 5- **GST Registration along with Clearance Certificate (Photocopy to be enclosed)** :- **Yes / No**
- 6- **Details of EMD (Draft to be attached)** **Rs-** :- **B.D.No Dt**
- 7- **If Tender Paper purchased against Payment of Cash** :- **C.R. No- Dt-**
(Original Cash receipt to be enclosed)
- 8- **In case of Tender Paper downloaded from the Website** :- **B.D. No..... Dt-**
Cost of Tender Paper in shape of B.D. to be attached)
Rs.....
- 9- **Experience in the field of supply if any, (Proof to be attached)**
- 10- **Supply, Installation, testing and commissioning of 100 KVA silent type DG set of make JACKSON with manual panel.**

Date

**Signature
& seal of the Tenderer**



FINANCIAL BID

Supply, Installation, testing and commissioning of 100 KVA silent types DG set of make JACKSON with manual panel.

Sl.No.	Particulars	Qty	Unit Price (Rs.) with GST	Total Amount (Rs.) with GST
1.	<p>CPCB II approved 100 KVA, 415 Volts (3 phase) DG Set comprising of 6 cylinder, in-line, 4-stroke and radiator cooled Cummins make engine developing 159 BHP coupled with 100 KVA Stamford make brushless type, screen protected, revolving field, self excited alternator confirming to IS/IEC 60034-1, mounted on a common base , complete with:</p> <ul style="list-style-type: none"> ▪ In-built fuel tank. ▪ 1 x 12 V Battery of 100 AH with leads. ▪ Manual Control Panel ▪ Hospital Grade Silencer ▪ First fill of lube oil / First fill of coolant (Lube oil change period in every 250 hours or in 1 year, whichever is earlier) ▪ Anti-Vibration Mounting Pad ▪ Acoustic Enclosure passed with 9-tank pretreatment process. ▪ Genset Controller - Micro-processor based generator set monitoring, metering and control system with LCD display – meant for Engine metering, Engine protection, Alternator metering and Alternator protection etc. ▪ Fuel consumption of engine at declared percentage of load includes loads of both radiator and fan. ▪ Standard integral set-mounted radiator system, designed and tested for 50°C ambient temperature. ▪ Standard warranty of 2 years – comprehensive warranty on entire package, including rubber components. However, warranty coverage of 1 year is applicable on Control Panel and Acoustic enclosure of DG set. ▪ Extended warranty – Apart from 2 years of standard warranty, extended warranty of 3 years must be available on Engine critical parts, such as Cylinder Block, Cylinder Head, Cam Shaft, Crank Shaft and Connecting Rod. 	1		
2	Supply, of 100 KVA silent type DG set of make JACKSON with manual Panel.			
3	Installation, Testing and Commissioning of 100 KVA silent type DG set with provision of structuring with base.			
TOTAL				

(Total Amount in Words)

.....

Date

**Signature
& seal of the Tenderer**
Page- 11

TENDER FOR WORKS

I / we hereby tender for the execution for the Board of Secondary, Odisha of the work specified in the under written memorandum at the rates specified therein within a period of years months from the date of the written order to commence and in accordance in all respects with the specifications, designs, drawings and other documents referred to in rule, I hereof and subject to the annexed conditions of contract and with such materials as are provided for by and in all other respects in accordance with such conditions so far as applicable.

MEMORANDUM

1. **Name of the work** : Supply, installation, testing & commissioning of 100 KVA silent types D.G set with manual panel for the Board of Secondary Education, Odisha, Cuttack.
2. Estimated Cost: Rs.
3. Agreement Value:
4. Earnest Money : Rs.20,000.00
5. **Percentage to be deducted from bill.**
 - a. 5 % (Five percent) to be deducted from bill towards security deposit.
 - b. Statutory deduction: **IT, GST as applicable from time to time.**

Royalty	-	As per Govt. norm.
CESS	-	1% of the construction work.
6. Date of written order to commence.

CERTIFICATE OF NO RELATIONSHIP

I / We hereby certify that I/We* am/are* **related / not related** (*) to any officer of Board of the rank of Section Officer & above and any officer of the rank of Assistant and above of Board. I/ We* am/are* aware that, if the facts subsequently proved to be false, my/our* contract will be rescinded with forfeiture of E.M.D and security deposit and I/We* shall be liable to make good the loss or damage resulting from such cancellation.

I / We also note that, non-submission of this certificate will render my / our tender liable for rejection.

(*) - Strike out which is not applicable

(Signature and seal of the Tenderer)

Date:-

AFFIDAVIT

On Non- judicial stamp paper of Rs.10.00

1. The undersigned do hereby certify that all the statements made in the required attachments are true and correct.

2. The undersigned also hereby certifies that neither my / our firm / company / Individuals _____ nor any of its constituent partners have abandoned any work of like nature in India nor any contract awarded to us for such works have been rescinded during the last five years prior to the date of this bid.

3. The undersigned hereby authorize(s) and request(s) any bank, person, firm or Corporation to furnish pertinent information as deemed necessary and as requested by the Department to verify this statement or regarding my (our) competency and general reputation.

4. The undersigned understands and agrees that further qualifying information may be requested and agree to furnish any such information at the request of the Department.

5. The undersigned undertake that in case of any information furnished by me found to be incorrect, the Board has right to reject the Bid.

(Signature and seal of the Tenderer)

Title of Officer:

Name of Firm:

Date:

TECHNICAL SPECIFICATION

Supply & Installation of CPCB II approved 100 KVA, 415 Volts (3 phase) DG Set comprising of 6 cylinder, in-line, 4-stroke and radiator cooled Cummins make engine developing 159 BHP coupled with 100 KVA Stamford make brushless type, screen protected, revolving field, self excited alternator confirming to IS/IEC 60034-1, mounted on a common base , complete with:

- In-built fuel tank.
- 1 x 12 V Battery of 100 AH with leads.
- Manual Control Panel
- Hospital Grade Silencer
- First fill of lube oil / First fill of coolant (Lube oil change period in every 250 hours or in 1 year, whichever is earlier)
- Anti-Vibration Mounting Pad
- Acoustic Enclosure passed with 9-tank pretreatment process.
- Genset Controller - Micro-processor based generator set monitoring, metering and control system with LCD display – meant for Engine metering, Engine protection, Alternator metering and Alternator protection etc.
- Fuel consumption of engine at declared percentage of load includes loads of both radiator and fan.
- Standard integral set-mounted radiator system, designed and tested for 50°C ambient temperature.
- Standard warranty of 2 years – comprehensive warranty on entire package, including rubber components. However, warranty coverage of 1 year is applicable on Control Panel and Acoustic enclosure of DG set.

Extended warranty – Apart from 2 years of standard warranty, extended warranty of 3 years must be available on Engine critical parts, such as Cylinder Block, Cylinder Head, Cam Shaft, Crank Shaft and Connecting Rod.

**Sd/-
Secretary,
Board of Secondary Education,
Odisha,Cuttack**