

ASSAM POWER GENERATION CORPORATION LIMITED
Office of the General Manager, LTPS, APGCL, Maibella,
P.O. Suffry, Dist. Charaideo, Assam, Pin-785 689.
e-mail: gm-ltps@apgcl.com
Tele-Fax: 03772-254322



TENDER NOTICE NO:109 of 2022-23

Name of Work:

Repairing and Servicing of various types of AC and DC motors [under Phase-II, Waste Heat Recovery Project,(WHRP), LRPP and Civil Division] of LTPS, APGCL, Maibella

Cost of Tender: Rs. 1000 + Applicable GST

(A)OBJECTIVE:

Lakwa Thermal Power Station (LTPS) is a gas based Power Station consisting of three powerhouses (Ph-II, WHRP & LRPP) along with Civil Division with total installed capacity of 167.2 MW. The thermal energy produced by burning natural gas is used in gas turbines and gas engines for generating power. The power station is having both open & combined cycle power generating units. Various AC and DC motors are in use to run the auxiliaries such as oil pumps, heat exchangers fans etc.

Office of the GM, LTPS, APGCL, Maibella herewith invites bids from vendors who are competent and experienced contractors/vendors for taking up the work of Repairing and Servicing of various types of AC and DC motors under three powerhouses (Ph-II, WHRP & LRPP) along with Civil division and intended to make a rate conduct for 02 (Two) years for repairing and servicing of these motors as and when necessity arises.

(B)INTENT OF THE TENDER DOCUMENT:

The intent of this tender document is to furnish technical and commercial requirements to be furnished and fulfilled by the bidder participating in the tender along with their bid documents / quotation.

(C)Tender fee & Earnest Money Deposit (EMD):

The bidder must submit the requisite tender fee and EMD. Bid received without requisite tender fee and EMD will be rejected.

The tender fee must be paid in the shape of Demand Draft duly pledged in favour of the **Asstt. General Manager (F&A), LTPS, APGCL, Maibella-785689.**

The Tender document may also be downloaded from the APGCL's website (www.apgcl.org) in which case the Tender fee has to be submitted along with the Technical Bid in the shape of Demand Draft duly pledged in favour of the **Asstt. General Manager (F&A), LTPS, APGCL, Maibella**

EMD of Rs. @ 2% of total quoted value in the shape of Demand Draft in original of any Nationalized Bank shall be submitted as Earnest Money, duly pledged in favour of the Asstt. General Manager (F&A.), LTPS, APGCL. APGCL will refund the Earnest Money of the unsuccessful bidders directly to the bidders within a reasonable period of time without any interest on receipt of written request.

(D)ELIGIBILITY OF BIDDER:

The bidder must submit details of their workshop where the motors are to be repaired and should have adequate facility to carry out repairing, testing and servicing of AC and DC Motors. LTPS, APGCL may check and verify the same and ascertain whether the bidder's workshop is adequate for repairing of the motors of LTPS. The bidder also must have adequate financial capacity to execute the repairing work of motors of LTPS during the contract period. The bidder must have an average annual turnover of Rs. 8 lacs during the last 03 financial year (i.e. FY 2021-22, 2020-21, 2019-20). Also, the bidder must have positive net worth.

(E)EXPERIENCE OF BIDDER:

Work Order and Work Completion Certificate both along with performance certificate of bidder's past performance with respect to motor repairing must be submitted along with the technical part of the submitted bid. At least 3 (three) numbers of performance certificate from 3 (three) different clients during last 05 (five) years to be submitted by the bidder along with the technical bid.

(F) MANDATORY DOCUMENTS:

The bidder must furnish the following mentioned documents along with the technical part of the submitted tender without which the submitted tender may not be considered for evaluation at this end:

- a. Signed & sealed copy of LTPS, APGCL Tender Document.
- b. Copy of PAN Card.
- c. Copy of active GST certificate & Service Tax Registration Certificates of the bidder's Firm.
- d. Documents related to bidder's past experience as per clauses D & E of this document.
- e. Copy of Valid Electrical Contractor License of the firm.
- f. Copy of Electrical Supervisor License.
- g. Documents related to bidder's Firm: Certificate of registration of the Firm (in case of Solo Proprietor)/Partnership Deed (in case of LLP)/ Certificate of Incorporation' together with Memorandum / Articles of Association (in case of Company), whichever is applicable.
- h. Firm must have registration under GST(Active and updated).
- i. Income tax & GST Clearance Certificate of bidder.
- j. Chartered Accountant Certified copies of Balance Sheets, Profit and Loss Statements.
- k. Average Annual Turnover and net worth of last 03 financial year of bidder.

(G) GENERAL INSTRUCTIONS TO BIDDER:

1. One set of Bidding document (Tender document) will be issued to intending bidder on submission of Rs. 1000/- (Rupees one thousand only) + applicable GST in the shape of Demand Draft duly pledged in favour of the **Asstt. General Manager (F & A), LTPS, APGCL, Maibella**. The Tender document may also be downloaded from the APGCL's website (www.apgcl.org) in which case the Tender fee has to be submitted along with the Technical Bid in the shape of Demand Draft duly pledged in favour of the **Asstt. General Manager (F&A), LTPS, APGCL, Maibella**.
2. **Bidder shall submit a copy of the LTPS, APGCL Tender Document duly signed and stamped on each page of the Document in token of his acceptance along with his submitted bid.**
3. The bid shall be completed in two bid system as directed below:
Technical & un-priced commercial part – Technical bid.
Priced commercial part – Price bid.

a. Technical and Un-priced Part – Technical Bid:

This part shall contain technical and commercial (Un-priced) bid and shall have to contain the following as mentioned below:

- Signed and sealed copy of LTPS, APGCL Tender document and Earnest Money Deposit (EMD) in original and its details.
- Power of Attorney in favour of authorized signatory of the Bidding document.
- Technical and Commercial part of bidder's Offer, Page no., bidder's sign & seal must be provided on each page of the bidder's offer.
- All requisite documents as per Clause 'F' of this tender document.
- Any other relevant document as required for this tender.
- **Techno-commercial bid disclosing price shall be summarily rejected.**

b. Priced Commercial Part – Price Bid:

Priced commercial part shall contain "Offered Price" dully filled in two copies i.e. one ORIGINAL COPY and one DUPLICATE COPY, shall be submitted. Priced part shall have to include all taxes and duties. No stipulation, deviation, terms and conditions, presumption, etc shall be stipulated in Priced part of bid. APGCL shall not take cognizance of any such statement and may at their discretion reject such price bids. **Also, price quoted by the bidder must be in INR.** Page no., bidder's sign & seal must be provided on each page of the bidder's offer.

4. Submission of Bid:

Technical & Un-priced and Priced part must be submitted in **two separate sealed envelopes**. The two sealed envelopes of both un-priced and priced parts shall have to be put to an outer cover which is also to be sealed. The outer cover should duly bear the Tender Number, date and time of opening of the bid along with address of the office.

Part-I: Technical and un-priced part:

The envelope shall have following information clearly written on the outside of the envelope, failing which APGCL will assume no responsibility for the misplacement or premature opening of the bid.

(Part – I: Sealed Technical and un-priced part – Technical Bid)

Tender Name:

Bid No:

Due date & time of opening:

From (Name & address of Bidder):

Note: Original Earnest Money Deposit (EMD) shall be enclosed in this part.

Part-II: Priced Part:

This part of the bid shall contain the Price bid with Offered Price of the item filled in all respects and other information specially requested for submission of price part. The following information shall have to be clearly written on outside of the envelope, failing which APGCL will assume no responsibility for the misplacement or premature opening of the bid.

(Part-II: Priced Part – Price Bid)

Name of Tender:

Bid No:

From (Name & address of Bidder):

Note: This part of Bid will be submitted in original plus one copy in duplicate.

5. Date, Time & Place of Submission:

i) Bid must be submitted by the due date and time mentioned in the Notice Inviting Tender or any extension thereof as duly notified in writing by APGCL at the following address. Address to which bids are to be sent (by Speed Post/Courier/Regd.Post/By Hand, etc):

**The General Manager, LTPS, APGCL, Maibella,
P.O.-Suffry, Dist. Charaideo, Assam, PIN-785 689.**

ii) **Bid received after the time and date fixed for receipt of bid is liable for rejection.**

(H) VALIDITY OF THE OFFER:

The quoted rates must be valid and firm for a period of **2(Two) years** from the date of offer. No enhancement of rates whatever so shall be allowed during this period.

(I) WARRANTY:

The repaired motors shall carry warranty for a period of **06 (Six) month** from the date of receipt of motors at LTPS site. For any fault during this period, the firm has to repair and deliver the motor free of charge and within **08 (Eight) days** from date of intimation via email.

(J) WORK COMPLETION PERIOD:

The entire work, i.e., both repairing and servicing of the motors shall be completed within a period of **10 (ten) days** from the date of intimation of motor damage to vendor via email.

(K) TERMS OF PAYMENT:

- a. 90% payment including all taxes and duties shall be made after successful repair and testing of the motors at LTPS site and balance 10% after expiry of the warranty period.
- b. The bidder shall submit the bill in quadruplicate for payment.

(L) EARNEST MONEY:

EMD amounting to Rs. @ 2% of total quoted value in the shape of Demand Draft in original of any Nationalized Bank shall be submitted as Earnest Money, duly pledged in favour of the Asstt. General Manager (F&A), LTPS, APGCL. APGCL will refund the Earnest Money of the unsuccessful bidders directly to the bidders within a reasonable period of time without any interest.

(M) ADDITIONAL POINTS:

1. It will be vendor's responsibility to lift the damaged motors from LTPS and thereafter deliver the repaired motors at LTPS. To and fro charges shall be quoted in the price bid by bidder.
2. Intimation of damaged motor to bidder: Concerned person of LTPS shall intimate the vendor about any damaged motor via email and it will be bidder's responsibility to lift the damaged motor within 24 hrs from the time of intimation to bidder via email.
3. Termination of Rate Contract: In case if the performance of the Contractor with respect to the quality of the work of motor repairing of LTPS is not found satisfactory by LTPS, APGCL, then in such case, LTPS, APGCL may at its discretion terminate the Contract with the Contractor. The work quality of the Contractor shall be adjudged with respect to reliability of the repaired motors, timely delivery of the repaired motors, etc.

(N) CONSIGNEE:

The General Manager
Lakwa Thermal Power Station,
Assam Power Generation Corporation Ltd,
Maibella, P.O. Suffry-785 689,
Dist. Charaideo, Assam,
Ph: 03772-254323
Email: gm-ltps@apgcl.com



(O) TAXES, DUTIES & FREIGHT CHARGES:

Quoted rates should be inclusive of all taxes, duties, packing, loading and unloading Charges, etc. but exclusive of to and fro transportation charges from LTPS, APGCL, Maibella to the Firm's workshop.

(P) FORCE MAJEURE CLAUSE:

Force majeure shall cover only act of God, fire, war, riots and act of Government etc. Any constraints other than those specified above, will not constitute a force majeure condition. In view of other constraints beyond the control of the supplier, primarily due to statutory compulsion, extension of delivery time may also be considered on merit of individual cases. In case of a Force Majeure condition the supplier shall notify such condition to GM, LTPS within 10 (Ten) days from the beginning of such delay in writing for consideration and acceptance.

(Q) LD CLAUSE:

In case of delay in work completion of ordered works beyond the work completion period as mentioned in Clause J, a penalty of 1% (one percent) of the Contract Price per week or part thereof delay, subject to 10% (ten percent) of the contract price as liquidated damage to APGCL.GST @ 18% shall be applicable on LD amount as per GST rules. This is however, subject to Force Majeure Clause as given in "General Condition for Supply & Erection of APGCL 2014". The payment of liquidated damage shall not in any way relieve the Contractor from any of its obligation to complete the work or from any other obligation and liabilities of the Contractor under the Contract.

(R) OWNER'S RIGHT TO ACCEPT OR REJECT A BID:

APGCL reserves the right to accept a bid other than the lowest and to accept or reject any bid in whole or part, or to reject all bids with or without notice or reasons. Such decisions by APGCL shall bear no liability whatsoever consequence upon such decisions.

(S) AWARD OF SUPPLY:

a. The bidder whose bid is accepted by APGCL shall be issued Confirmed Order/Letter of Intent prior to expiry of bid validity. Bidder shall confirm acceptance by returning a signed copy of the Order within 15 (fifteen) days from the date of issue of Confirmed order.

b. APGCL shall not be obliged to furnish any information / clarification / explanation to the unsuccessful bidders as regards of non-acceptance of their bids. Except for refund of EMD (without interest) to unsuccessful bidder, APGCL shall correspond only with the successful bidder.

(T) ARBITRATION CLAUSE:

All disputes and differences whatsoever shall arise between the parties out of or relating to this order shall be settled by "General Conditions for Supply and Erection of APGCL 2014". The venue of arbitration shall be at Guwahati.

(U) JURISDICTION:

Subject to arbitration clause, all questions, disputes of differences arising under out of or in connection with the contract shall be subject the exclusive jurisdiction of Courts of Guwahati.

The undersigned reserves the right to accept or reject any or all of the bids without assigning any reason thereof. He is not bound to accept the lowest rate also.


03/08/2022
General Manager,
LTPS, APGCL, Maibella. &

List of Motors used in LRPP Power House

Sl. No.	Name	Rating	No. of Motors	Remarks
1.	Turning Gear Motor	2.2 KW, 415 V, 1500 RPM	07	
2.	Pre-lube Motor	15 KW, 415 V, 1500 RPM	07	
3.	HT Water circulation	0.65.KW, 400-230 V, 47.3 RPM	07	
4.	Maintenance Water tank	2.2 KW, 415V, 1418 RPM	01	
5.	Staring Air Compressor	37 KW, 415V, 1418 RPM	02	
6.	Instrument Air Compressor	26 KW	02	
7.	Ventilation Fan Motor	3.7 KW, 415V, 1440 RPM	14	
		15 KW, 415V, 972 RPM	07	
8.	Gas Compressor	11 KW, 415V, 1460 RPM	03	
		9.3 KW, 415V, 1440 RPM	03	
		450 KW, 3300V, 2969 RPM	03	
9.	Exhaust Gas Ventilation	5.5 KW, 415V, 2890 RPM	07	
10.	Fire Pump House	5.5 KW, 415V, 2900 RPM	01	
		1.1 KW, 230-400V, 2870 RPM	02	
		1 KW, 415V, 2780 RPM	02	
		9.3 KW, 415V, 2880 RPM	01	
		90 KW, 415V, 1480 RPM	01	
11.	Radiator Fan Motor	7.5 KW, 380-420V, 725 RPM	98	

List of Motors used in Compressor House(Phase-II)

Sl. No.	Name	Rating	No. of Motors	Remarks
1.	Water pump Motor	7.5 KW, 415V, 2880 RPM	03	For Gas Compressor#6, #7, #8
2.	Lube Oil Pump Motor	7.5 KW, 415V, 1455 RPM	03	
3.	Heat Exchanger fan Motor	11 KW, 415V, 720 RPM	03	
4.	Lube Oil Pump Motor	2.2 KW, 415V, 1430 RPM	01	For Gas Compressor#9
5.	Heat Exchanger fan Motor	9.3 KW, 415V, 490 RPM	02	

B

Instrument Air Compressor (Phase-II)

Sl. No.	Name	Rating	No. of Motors	Remarks
1.	IAC Motor, Make NGEF	15 KW, 415V, 1450 RPM, Class B	03	

Cooling Water Module (Phase-II)

Sl. No.	Name	Rating	No. of Motors	Remarks
1.	GT# 5, Cooling fan	Make: General electric Co. Of India Ltd., Frame: 2255, 415 V,30 KW, 40 HP, 1475 RPM, 52.3 Amps	02	
	GT#5, Cooling water pump	Make: General electric Co. Of India Ltd. ,Frame: 180 L, 415 V,22 KW, 30 HP, 2930 RPM, 40 Amps	01	
2.	GT# 6, Cooling fan	Make: General electric Co. Of India Ltd. ,Frame: 2255, 415 V,30KW, 40 HP,1475 RPM,52.3 Amps	02	
	GT#6, Cooling water pump	Make: General electric Co. Of India Ltd. ,Frame :180L, 415 V,22 KW,30 HP,2930 RPM,40 Amps	01	
3.	GT# 7, Cooling fan 1	Make: ALSTOM,Frame:225S, 415 V,37 KW, 50 HP,1470 RPM, 65 Amps	02	
	GT#7, Cooling water pump	Make: General electric Co. Of India Ltd., Frame: 180L, 415 V,7.5 KW, 20 HP, 2940 RPM, 32.4 Amps	01	

Generator #5, #6 and #7 (Phase-II)

Sl. No.	Name	Rating	No. of Motors	Remarks
1.	Auxiliary Oil Pump	Make: Kirluskar Electric Co. Ltd., 415 V,37 KW,400 HP, 2955 RPM, 64 Amps	03	
2.	Emergency Oil Pump	Make: Kinamatics GE Motors,120 V DC, 10 HP, 1750 RPM, 74 Amps	03	
3.	Hydraulic Ratchet Pump Motor	115 V DC, ¼ HP, 1725 rpm	03	

(Handwritten signature)

4.	Diesel Engine Start Motor	125 V DC, 10 HP, 2450 rpm	03	
5.	Load Gear Vent Fan Motor	415 V, 5.5 KW, 7.5 HP, 1440 rpm, 11.9 Amp	03	
6.	Auxiliary Hydraulic Supply Pump Motor	415 V, 8 HP	03	

Deep Tubewell Water Supply System (Civil)

Sl. No.	Name	Rating	No. of Motors	Remarks
1.	Monoset Pump Motor	415 V, 7.5KW, 10 HP, 2800 rpm, 15Amps	01	
2.	Monoset Pump Motor	415 V, 7.5KW, 10 HP, 2920 rpm, 15Amps	03	
3.	Submersible Pump-1	Model: CORA 18C/14G+UMAI 100-3.77/22, No. of stage:14, 415V, 3.7KW/5HP	01	
4.	Submersible Pump-2	Model: MS65A/12, No. of Stage:12, 415V, 11 KW, 15 HP, 29 Amps	01	

River Water Supply System (Civil)

Sl. No.	Name	Rating	No. of Motors	Remarks
1.	Pump-Motor Set-1	415V, 22KW, 30HP, 1470 rpm	01	
2.	Pump-Motor Set-	415V, 22KW, 30HP, 2930 rpm	01	
3.	Pump-Motor Set-3	415V, 30HP,	01	
4.	Burge Pump-Motor Set-1	3 ϕ Induction Motor, 415V, 22 KW, 30 HP, 1475 rpm	01	
5.	Burge Pump-Motor Set-2	3 ϕ Induction Motor, 415V, 22 KW, 30 HP, 2930 rpm	01	

(Handwritten mark)

ANNEXURE – A

TECHNICAL BID

The bidders are requested to ensure that the following points/aspects in particular have been compiled within their offer failing which the offer is liable to be rejected.

1. Please tick (✓) the box, whichever is applicable, and cross (X) the box(es), whichever is/are not applicable (NA).
2. Please sign on each sheet.
3. This "Bid Information Sheets" duly filled in must be submitted along with the offer.

(I) COMMERCIAL

1.0 Whether requisite tender fee has been paid?

YES	NO	NA
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2.0 If so, furnish the following

- i) Demand Draft no. & date:
- ii) Name of the Bank:
- iii) Value:
- iv) Period of Validity:

3.0 Earnest Money Deposit (EMD):

i) Whether requisite EMD has been enclosed?

YES	NO	NA
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ii) If yes, furnish the following

- a) Name of the Bank:
- b) Demand Draft no. & date:
- c) Value:
- d) Name:
- e) Date of Issue:
- f) Period of Validity:

4.0 Whether the period of validity of the offer is as required in the tender document?

YES	NO
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5.0 If not, mention the extent of variation:
(You can use extra sheet also)

Extent of variation

6.0 Has the bidder given the details of parties to whom the bidder has supplied materials/executed work in past:

YES	NO	NA
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7.0 Is the offer being sent by Regd. Post, Courier Services or proposed to be dropped in Tender Box?

YES	NO
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Sent by Regd. Post

YES	NO
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Sent by Courier Services

YES	NO
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Dropped in Tender Box

8.0 Has it been ensured that there is no overwriting in the tender? Have corrections been properly attested by the person signing the tender?

YES	NO
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9.0 Has the tender been prepared in sufficient details clearly so as to avoid post tender opening clarifications?

YES	NO
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10.0 Acceptance of the following clauses in to:

i) Guarantee clause:

YES	NO
-----	----

ii) Performance Bank Guarantee clause:

YES	NO
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iii) Terms of Payment clause:

YES	NO
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iv) Delivery Period including Liquidated damage clause:

YES	NO
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v) Arbitration clause:

YES	NO
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(II) TECHNICAL

1.0 Whether necessary technical literature/catalogue has been attached with the offer?

YES	NO
-----	----

2.0 Whether the product(s) quoted bear(s) 'ISI' or equivalent quality monogram?

YES	NO
-----	----

3.0 Whether the materials being offered fully conform to the tender technical specifications?

YES	NO
-----	----

4.0 If not, specify the extent of deviation and how it is suitable to APGCL's requirement: (Use separate sheet to explain)

YES	NO	NA
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(III) BIDDER'S PAST WORK PROFORMA

SL. No.	NAME AND ADDRESS OF CLIENT(S)	BRIEF DESCRIPTION OF WORK	ORDER VALUE	REMARKS

NOTE: Relevant documents from client to be enclosed along with the above proforma.

(IV) BIDDER'S INFORMATION PROFORMA

Manufaturer	Distributor	Re-seller
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1.0 Status of the Bidder:

2.0 If Distributor or Re-seller, whether the copy of authorization from manufacturer is enclosed?

YES	NO
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3.0 In case of Distributor or Re-seller, whether the manufacturer shall provide support till completion of the guaranteed period?

YES	NO
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Signature and Seal of the Bidder

PRICE BID

1. Tender No.:
2. Tender Name:
3. Due Date:
4. Validity of the Bid:
5. Delivery Period:
6. Payment Terms:

Quoted Price:

Sl. no.	Particulars	Amount (in figures) (INR)	Amount (in words) (Rupees)	Remarks
1.	Quoted Price of the work (Grand total)			

NOTE:

1. **Breakup price as per Annexure B must be filled in full and submitted along with the Price Bid. Otherwise, the bid will be treated as incomplete.**
2. The above prices shall be firm without any variation in any way till completion of the work in full.
3. Use additional sheets if required.

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Signature and Seal of the Bidder

Annexure:B

Sl No.	Description of the Motors	Particulars										Tax	Total				
		Complete rewinding of the motor	Replacement of Driving end bearing with new one (INR)	Replacement of Non-Driving end bearing with new one (INR)	Replacement of Terminal stud with new Bushing and Nuts (INR)	Replacement of Cooling Fan with new one (INR)	Replacement of Fan cover with new one (INR)	Painting of Motor as per Requirement (INR)	Servicing of motor including baking, varnishing, greasing, etc. (INR)	Transportation charge (To & Fro) from Maibella to Firm's workshop (INR)	Sub total						
1	AC Motors up to 1 HP																
2	AC Motors beyond 1 HP to 3 HP																
3	AC Motors beyond 3 HP to 5 HP																
4	AC Motors beyond 5 HP to 10 HP																
5	AC Motors beyond 10 HP to 15 HP																
6	AC Motors beyond 15 HP to 20 HP																
7	AC Motors beyond 20 HP to 30 HP																
8	AC Motors beyond 30 HP to 40 HP																
9	AC Motors beyond 40 HP to 50 HP																
10	AC Motors beyond 50 HP to 60 HP																
11	AC Motors beyond 60 HP to 80 HP																

8

