
	Gujarat State Electricity Corporation Limited		
	Wanakbori Thermal Power Station, Ta: Galteshwar, Dist: Kheda -388239 Ph: 91-2699-235522 Fax: 91-2699-235607 Email: wtps.ceg@gebmail.com Web site: www.gsecl.in		
	CIN: U40100GJ1993SGC019988 AN ISO-9001:2015&14001:2015 OHSMS 45001:2018 Certified Power Plant		

TECHNICAL BID

Description: Supply of different types & ratings of LT Energy Efficient Induction motors at WTPS, Stage-I.

Reference No.: WTPS/S/TECH/RFQ - 76552E/EMD-1

Sr. No.	Description of materials	HSN CODE	GST Rate With Cess If Any IN %	Quantity Required	UOM
1	9.3 KW, 12.46 HP, 415 V, 17 AMP, 2882 RPM, B CLASS INSULATION, 3 PHASE INDUCTION MOTOR			6	Number
2	SQUIRREL CAGE HORIZONTAL INDUCTION MOTOR KW/HP - 30/40 , VOLTAGE - 415 V, 3-PHASE, SPEED - 735 RPM, CURRENT - 61.5AMP,TYPE - AJ-225-MB			2	Number
3	3 PHASE 415 VOLT SQUIRREL CAGE HORIZONTAL INDUCTION MOTOR KW: 1.5, FULL LOAD AMPERE: 3.45, RPM: 1410, INSULATION CLASS: F, FRAME: 90L.			1	Number
4	3 PHASE 50 HZ 415 V SQUIREL CAGE INDUCTION MOTOR. 11 KW, 15 HP, 415 V, 20.6 AMP, 1460 RMP, FRAME- 160 L , FOOT MOUNTING , IP-55, CLASS OF INSULATION -F-			2	Number
5	SQUIRREL CAGE INDUCTION MOTOR 415V, 3PH, 50HZ, 3.7KW / 5 HP			2	Number
6	HORIZONTAL TYPE SQUIRREL CAGE INDUCTION MOTOR 415V,110 KW,3 PHASE , F/L CURRENT-187A, FRAME SIZE-D315S,RPM-1480,INSULATION CLASS-B,MOUNTING-B3.			1	Number
7	MOTOR,415V 7.5KW 1450-RPM			2	Number
8	3 PHASE SQUIRREL CAGE HORIZONTAL INDUCTION MOTOR, 415V, 55KW, 96A, 2950 RPM			2	Number
9	3 PHASE, HORIZONTAL INDUCTION MOTOR 415V 3.7 KW 7.5 AMP 1430 RPM HORIZONTAL			2	Number
10	3 PHASE SQUIRREL CAGE HORIZONTAL INDUCTION MOTOR 415 VOLT ,5.5KW/7.5 HP,10.5 AMP,RPM:1451, S1			4	Numbers

	CONTINUOUS, B3 MOUNTING				
11	3 PHASE, VERTICAL INDUCTION MOTOR, 415V, 18.5KW, 37AMP, 2900RPM, INSULATION CLASS : B, TYPE-60FP16-2			1	Number
12	SQUIRREL CAGE VERTICAL INDUCTION MOTOR 415V, 30KW, 51.5 AMP, 1480 RPM			2	Number
13	3 PHASE SQUIRREL CAGE 37/50 KW/HP, 415 VOLT, 64 AMP, 2950 RPM FOOT MOUNTED HORIZONTAL INDUCTION MOTOR			2	Number
14	INDUCTION MOTOR 3 PHASE, 415 V, KW/HP: 2.2/3.0, 4.8 AMP, 1425 RPM, INSULATION CLASS : B, RATING : CONTINUOUS, .FRAM SIZE : 112 MD,			2	Number

❖ **Material Specification:**

Detail Technical Specifications of motors from item sr. no. 1 to 14 is as mentioned below:

1. MAKE: KIRLOSKAR/CROMPTON GREAVES/ABB/SIEMENS/HAVELLS/L&T/BHARAT BIJLEE LTD/MARATHON/JYOTI/TIPL/NGEF/HEM, KW/HP - 9.3/12.5, F.L. Current - 18.8 A, RPM- 2890, VOLTAGE : 3-phase, 415V, 50Hz, Insulation:- Class F, FRAME- KH160M, Horizontal Foot Mounting. Ambient Temp. 50°C, (IE3)
2. MAKE: KIRLOSKAR/CROMPTON GREAVES/ABB/SIEMENS/HAVELLS/L&T/BHARAT BIJLEE LTD/MARATHON/JYOTI/TIPL/NGEF/HEM, KW / HP : 30/40, F.L. Current - 64A , Connection - (Delta), RPM- 720, IP-23, STDP MACHINE NO: ACP91035, , BRG DE/NDE: NU314-C3/6314-C3, VOLTAGE : 3-phase, 415V, 50Hz, Insulation Class:- F, FRAME-C225M, Horizontal Foot Mounting, EFF: 88%, PF: 0.74, DUTY: S1, Ambient Temp. 50°C, Half key balanced
3. MAKE: KIRLOSKAR/CROMPTON GREAVES/ABB/SIEMENS/HAVELLS/L&T/BHARAT BIJLEE LTD/MARATHON/JYOTI/TIPL/NGEF/HEM, KW : 1.5, F.L. Amp.- 3.5A, RPM- 1430, VOLTAGE: 3-phase, 415v +/- 10%, 50Hz +/- 5%, Insulation class:- F, Horizontal foot mounting, Frame Size: NG90L, IP-55, Rating - S1, Ambient Temp. 50°C (IE3).
4. MAKE: KIRLOSKAR/CROMPTON GREAVES/ABB/SIEMENS/HAVELLS/L&T/BHARAT BIJLEE LTD/MARATHON/JYOTI/TIPL/NGEF/HEM, KW : 11, F.L. Current : 21.5A, RPM- 1450, VOLTAGE: 3-phase, 415V, 50Hz. Insulation Class:- F, FRAME:- 160M, Horizontal Foot Mounting, Ambient Temp. 50°C, (IE3)
5. MAKE: KIRLOSKAR/CROMPTON GREAVES/ABB/SIEMENS/HAVELLS/L&T/BHARAT BIJLEE LTD/MARATHON/JYOTI/TIPL/NGEF/HEM, KW : 3.7, F.L. Amp.- 9.6, RPM- 715, VOLTAGE: 3-phase, 415v +/- 10%, 50Hz +/- 5%, Insulation class:- F, FRAME:- M2BAX160MLA8IMB5/IM3001, IP-55, Vertical Mounting. (IE3)
6. MAKE: KIRLOSKAR/CROMPTON GREAVES/ABB/SIEMENS/HAVELLS/L&T/BHARAT BIJLEE LTD/MARATHON/JYOTI/TIPL/NGEF/HEM, KW : 110, F.L. Current - 187A , RPM- 1480. VOLTAGE: 3-phase, 415v, 50Hz, Insulation class:- F, FRAME:- D315S, MOUNTING- B3, IP-55, HORIZONTAL FOOT MOUNTING TYPE SQUIRREL CAGE INDUCTION MOTOR
7. Make: KIRLOSKAR/CROMPTON GREAVES/ABB/SIEMENS/HAVELLS/L&T/BHARAT BIJLEE LTD/MARATHON/JYOTI/TIPL/NGEF/HEM, KW/HP : 7.5/10, F.L. Current- 13.3A (CONNECTION-DELTA), RPM- 2885, VOLTAGE: 3-phase, 415v, 50hz, Thermal Insulation class:- F, FRAME SIZE:- ND132S, Horizontal Foot Mounting, IP-55, DUTY-S1, HORIZONTAL TYPE SQUIRREL CAGE INDUCTION MOTOR, FOOT MOUNTING
8. Make: KIRLOSKAR/CROMPTON GREAVES/ABB/SIEMENS/HAVELLS/L&T/BHARAT BIJLEE LTD/MARATHON/JYOTI/TIPL/NGEF/HEM, KW : 55, F.L. Current - 97 , RPM- 2950, VOLTAGE: 3-phase, 415v, 50hz. Insulation class:- B, FRAME:- LD250M, Horizontal Foot Mounting, IP-55

9. Make: KIRLOSKAR/CROMPTON GREAVES/ABB/SIEMENS/HAVELLS/L&T/BHARAT BIJLEE LTD/MARATHON/JYOTI/TIPL/NGEF/HEM, KW :3.7, F.L. Current - 8.24 , RPM- 1430, VOLTAGE: 3-phase, 415v, 50hz. Insulation class:- F, FRAME:- 112M, Horizontal Foot Mounting, IP-55
10. Make: KIRLOSKAR/CROMPTON GREAVES/ABB/SIEMENS/HAVELLS/L&T/BHARAT BIJLEE LTD/MARATHON/JYOTI/TIPL/NGEF/HEM, KW :5.5, F.L. Current - 10.5, RPM- 1440, VOLTAGE: 3-phase, 415v, 50Hz, Insulation class:- B, Frame: AMW-132M, IP-55, Horizontal Foot Mounting
11. Make: KIRLOSKAR/CROMPTON GREAVES/ABB/SIEMENS/HAVELLS/L&T/BHARAT BIJLEE LTD/MARATHON/JYOTI/TIPL/NGEF/HEM, KW :18.5, F.L. Current - 37, RPM- 2900, VOLTAGE: 3-phase, 415v, 50hz. Insulation class:- B, Type: 60FP16-2, Vertical Flange Mounting, Flame Proof, IP-55
12. MAKE: KIRLOSKAR/CROMPTON GREAVES/ABB/SIEMENS/HAVELLS/L&T/BHARAT BIJLEE LTD/MARATHON/JYOTI/TIPL/NGEF/HEM, KW :30, F.L. Current - 55, RPM- 1470, VOLTAGE: 3-phase, 415V, 50Hz, Insulation Class:- B, Type: 60FP18-4, IP-55, Vertical Flange Mounting, Flame Proof
13. MAKE: KIRLOSKAR/CROMPTON GREAVES/ABB/SIEMENS/HAVELLS/L&T/BHARAT BIJLEE LTD/MARATHON/JYOTI/TIPL/NGEF/HEM, KW/HP :37, F.L. Current - 63, RPM- 2950, VOLTAGE: 3-phase, 415V , 50Hz. Insulation Class:- F, FRAME:- 225M, IP-55, Horizontal Foot Mounting
14. MAKE: KIRLOSKAR/CROMPTON GREAVES/ABB/SIEMENS/HAVELLS/L&T/BHARAT BIJLEE LTD/MARATHON/JYOTI/TIPL/NGEF/HEM, KW/HP :2.2, F.L. Amp.- 4.8, RPM- 1420, VOLTAGE: 3-phase, 415v +/- 10%, 50Hz +/- 5%, Insulation class:- B, RATING: CONTINUOUS, FRAME:- 112M, Vertical Flange Mounting, IP-55.

❖ **Technical Terms and Condition:**

- 1) The Party has To Supply Materials as Specified and as per latest "IS". The Materials not supplied as per mentioned specifications and Makes are liable to be rejected.
- 2) Other terms and conditions remains same as prescribed by the GSECL for supply of material.
- 3) The delivery period for supply the material will be 06 Months from the date of issue of LOI.
- 4) The supplier has to submit latest authorization certificate on his own name with technical bid or submit purchase proof from authorized dealer at the time of supply of materials.
- 5) Party has to submit Technical Literature, Drawing, Catalogue and Product code of offered Make with technical Bid for all Items.
- 6) The supplied material shall be guaranteed against faulty design / wrong supply, non- standard, defective, damage during transportation shall be rejected and the same shall be replaced or repaired by supplier free of cost, if reported within 18 months of their receipt at site or 12 months from the date of commissioning of equipment, whichever is earlier.
- 7) Bidder have to submit latest executed PO order copy of similar items supplied to other Organization / Govt. Organization / GSECL / PSU or latest OEM Price List along with your offer for rate reasonability.
- 8) The supplied materials should be packed properly & during checking if materials are found any faulty design / wrong supplied, non-standard, defective, damage during Transportation should be rejected and the same are to be replaced by party on free of cost.
- 9) Bidder shall have to submit Guarantee/Warranty Certificate.
- 10) Bidder has to offer the Energy Efficient motors which should be one to one replaceable dimensionally and functionally with the existing motor.
- 11) Motor should be Energy Efficient type IE3 premium efficiency of make (mentioned in material specifications) confirm to IS 12615:2011.
- 12) Material should be of specified make as mentioned in detail technical specifications only i.e specifying single make only in the offer submitted by the bidder. Offer without specifying single make will be ignored.

- 13)** In case of any defects reported to the supplier, the same should be replaced / rectified within 15 days without any extra cost.
- 14)** Routine Test certificate is required. Individual Test certificate for routine test as per IS standard of each motor indicating Motor technical details (i.e. motor name plate details) with tests like No load run test, Locked rotor test, Insulation resistance & resistance per phase / line, HV test (phase to phase / phase to earth with applying voltage 2KV withstand for 60 seconds and Space heater resistance to be submitted along with supply of motors.

**Chief Engineer (C&O)
GSECL, WTPS**

DECLARATION FORM

ON LETTER HEAD OF SUPPLIER

Description: Supply of different types & ratings of LT Energy Efficient Induction motors at WTPS, Stage-I.

Reference No.: WTPS/S/TECH/RFQ - 76552E/EMD-1

1. I/We hereby declare that I/We have carefully & thoroughly studied the entire tender placed on the website and General terms & conditions, technical specification, PQR and other documents of the tender mentioned under reference along with the Commercial terms and conditions.
2. I/We hereby confirm and certify that the offer submitted by me/us is strictly in accordance with the GSECL's Tender specifications, Guaranteed Technical Particulars and drawing as mentioned in the Tender Specifications. There is no commercial or Technical deviation (except the deviations shown in respective Annexure-12 of Technical Deviations of this tender document) in the offer from the Board's Tender Specification. I undertake to abide by the GSECL's Technical specification / Guaranteed Technical Particulars / Drawing, I undertake to supply materials strictly as per the GSECL's Technical specification / Guaranteed Technical Particulars / Drawing, even if any technical deviations are mentioned by me. I also undertake to abide by all commercial conditions of the GSECL, including delivery schedule. I have submitted all the annexure-1 to 15, form of integrity pact etc along with the technical Bid dully filled along with all the details"
3. I / We, hereby declare that our Technical Bid is strictly in line with the Tender specifications (except the deviations shown in Annexure-12 of Technical Deviations of this tender document).
4. I / We also agree that additional conditions / deviations, if any, found in the Commercial terms & conditions (except the deviations shown in Annexure-12 of Technical Deviations of this tender document) our offer shall be out rightly rejected without assigning any reason thereof.
5. I/We hereby abide to execute the contract agreement & submitted the same along with the acceptance of LOI and the same will be acceptable to me/us.
6. I/We hereby accept and confirm that any dispute on this regard shall not be entertained by the tender inviting authority.
7. The full value of the "Earnest Money Deposit" paid herewith should be absolutely forfeited to the Corporation, should I/ we do not deposit the specified amount of specified Security Deposit within 10 Days from receipt of the Letter of Intent.
8. If, I fail to submit all required documents with application or tender copy (in each tender) then my tender will be cancelled, which is binding to me.
9. I/We _____
authorized signatory of M/s _____ here by
certify that M/s _____ and their
proprietor / any partner / any directors of the firm is not stop deal and / or banned for business
dealing and / or black listed by GUVNL and / or their any subsidiary company viz. GSECL /
GETCO / DGVCL / MGVCL / UGVCL / PGVCL as well as Government _____ and / or Semi
Government company / department.
10. We here by confirm that we have not stake in one or more other agencies / bidders who are
participating in same tender and if it is found that the submitted information / declaration are
wrong in the tender / enquiry as stated in tender terms, than we will be disqualified
automatically & it will be accepted to us. EMD / SD will be forfeited. More over if GSECL shall
take stern action including stop dealing with our firms which is also accepted to us

Seal of the Firm

Place:

Date:

Signature of the Tenderer with Designation.

[On Company's Letter Head]

Annexure – 13

(Require for Price Justification, if Necessary)

(UNDERTAKING IN REGARD TO QUOTED PRICE)

(All Bidders will have to furnish the following undertaking duly filled in, for all the quoted items/works of the tender along with online Technical Bid)

Ref.: Tender No..... / Gem Bid. No.

We, the undersigned, hereby declare and undertake that we have not accepted or executed any Letter of Acceptance (LOA) or Purchase Order (PO) at a unit ex-works price/any work at rate lower than the rate offered in this tender in any station of GSECL/GUVNL/ & Subsidiaries/ CPSU / SPSU/IPP etc. during the period from six (6) months prior to two (2) months after the bid submission date of this tender.

We also understand that LOA / Purchase Order placed by any station of GSECL/GUVNL Subsidiaries/ CPSU/SPSU/IPP etc. on the basis of above undertaking shall not be considered as 'offered' price for the tender items in subsequent tender, if it is not within period mentioned above.

I/We accept above undertaking.

Seal of the Firm

**Signature of the Tenderer
With Designation**

Place:

Date:

<On the letterhead of the vendor/ payee>

To,

Date : _____

**Subject : Declaration for TDS/TCS under the Income Tax Act (IT Act)
w.e.f.01/07/2021**

Reference : Provisions of S. 206AB/ 206CCA/139AA of the IT Act

Dear Sirs,

This is with reference to the determination of appropriate Tax deduction at source (TDS) or Tax collected at source (TCS) as per the provisions of the Act i.e. Section 206AB/ 206CCA/139AA of the IT Act. In relation to the said provision of the Act: I / We, having status of <<mention status i.e. Individual/Company/ Firm etc.>> hereby declare and confirm that: -

- a) I/We have<<mention PAN>>Permanent Account Number (PAN) under the IT Act.(Copy of PAN card is enclosed herewith.)
- b) I/We have linked / will be linking Aadhar number with PAN as required under section 139AA (2) read with Rule 114AAA.latest by 30th June 2021.
- c) I/We have/have not filed income tax returns (ITR) for two previous years immediately prior to the year in which tax is required to be deducted and for which last date of filing of income tax return is expired u/s139(1) of the Act.

I/ We am/ are hereby attaching a copy of acknowledgment of ITR filed for any one of previous two financial years of which due date u/s139(1) is expired, as proof of filing ITR. *(Strike out full sentence if not filed IT returns)*

- d) The aggregate amount of Tax Deductible at Source (TDS) and Tax Collectible at Source (TCS) exceed/don't exceed Rs. 50,000 or more in each of the two aforesaid previous years in my/our case *(Vendor has to provide the extract of its Form 26AS if copy of ITR is not provided as above)*
- e) I/ We shall, indemnify the Company for any consequences arising out of any acts of commission or omission including incorrect declaration basis which the Company would act upon.
I/We agree that Company shall determine applicability of section 206AB/206CCA of the IT Act based on the aforesaid declaration/documents filed by me/us and would deduct TDS/TCS accordingly. The decision of Company shall be final and acceptable to me/us. Strikeout whichever is not applicable.

Thanking you,
Yours faithfully,

<<Signature>>

< Full Name of Vendor & seal >