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INDIRA GANDHI INSTITUTE OF TECHNOLOGY
DEPARTMENT OF ELECTRICAL ENGINEERING
SARANG-759146, DIST: Dhenkanal, Odisha

Ref. No. IGIT/Elect/

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Date: 12.2.2020

Call for Quotation

Dear Sir,

Sealed quotations in the company letter head are invited from reputed agencies, for procurement of Energy Conversion Laboratory items mentioned in page No. 2, under MODROBS project(Energy Conversion Laboratory)-2017 in prescribed format on or before **29.02.2020**. Quotation number and date should be super scribed on the sealed envelope and sent by Registered post / Speed post to **HOD, ELECTRICAL ENGINEERING, INDIRA GANDHI INSTITUTE OF TECHNOLOGY, SARANG-759146, DIST-DHENKANAL, ODISHA.**

Quotation received after the due date or without seal shall not be considered. The items have to be delivered and tested/installed within 45 days from the date of placing purchase order unless otherwise directed failing which the purchase order is liable to be cancelled.

Photo copy of valid authorization certificate, PAN/ TIN card and GST registration are also required to be enclosed. The terms of delivery along with any extra charges e.g. GST etc. & mode of payment should be indicated clearly in the quotation.

Yours faithfully,

Das
12.02.2020
H.O.D., ELECTRICAL ENGG.

C.C. to:-

1. PA to Director for kind information to Director.
2. Professor I/C Website for uploading the quotation in IGIT website.

Approved.
S. Mahanta
12/02/2020

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INDIRA GANDHI INSTITUTE OF TECHNOLOGY
DEPARTMENT OF ELECTRICAL ENGINEERING
 SARANG-759146, DIST: Dhenkanal, Odisha

Name of work: Supply of Electrical machines and respective accessories under MODROBS Project (Energy Conversion Laboratory) - 2017

Sl. No.	Description of items	Specifications	Quantity	Total Price Including GST
1	Permanent Magnet Synchronous Motor drive with suitable starter and loading arrangements and required load with panel board with complete set.	1hp,415V, 3-Phase, 50Hz,4pole,1.8A with position sensor The panel board should contain following items: Handle main switch, Voltmeters, Ammeters, Fuses, Indicators, motor terminals etc. with other necessary fittings.	1set	
2	Permanent Magnet Synchronous Motor drive with suitable starter and loading arrangements and required load with panel board with complete set.	1.5hp,415V,50Hz,4pole,2.7A with position sensor The panel board should contain following items: Handle main switch, Voltmeters, Ammeters, Fuses, Indicators, motor terminals etc. with other necessary fittings.	1set	
3	Permanent Magnet Synchronous Motor drive with suitable starter and loading arrangements and required load with panel board with complete set.	1hp, 230VAC, 50Hz, 4A, 3000rpm, with position sensor The panel board should contain following items: Handle main switch, Voltmeters, Ammeters, Fuses, Indicators, motor terminals etc. with other necessary fittings.	1set	
4	Switched Reluctance Motor (SRM) drive with suitable starter, loading arrangements with speed controller and panel board with complete set.	1hp,2000rpm,4-phase, 8/6 poles, 230V The panel board should contain following items: Handle main switch, Voltmeters, Ammeters, Fuses, Indicators, motor terminals etc. with other necessary fittings.	1set	
5	Variable rectifier (3-Phase bridge rectifier): with a 3-phase autotransformer for controlling the input supply voltage	Auto transformer Input: 415V,50Hz, 3-Phase AC Rectifier Output: 0 – 600V DC, 10A	1set	
6	4-quadrant Chopper for DC motor drive	Input: 440V, AC 3-Phase 50Hz mains Output: 0-220V DC variable voltage Output rating 10A Separate control for field circuit Separate control circuit for PWM generation One potentiometer to vary the duty cycle	1no	

P.D.
12-02-2020
P.L.

P.D.
12-02-2020