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भारतीय विमानपत्तन प्राधिकरण
AIRPORTS AUTHORITY OF INDIA

TRAINAIR PLUS FULL MEMBER

पत्रांक सं० : भा.वि.प्रा. / ना.वि.प्र.का. / स.म.प्र.अभि.(वि.) / का.सं. / 2025-26 / टी-08 / 836-306 दि०: 28 / 11 / 2025
Letter No. : AAI/CATC/AGME(E)/WO/2025-26/T-08/ Date: 28/11/2025

पंजीकृत डाक द्वारा
By Registered Post

सेवा में,

To,

मेसर्स क्रिस सन्स इंटरनेशनल इंजीनियर्स
एंड कंसल्टेंट्स (ई) प्रा. लिमिटेड,
304, वेलेन्टाइन टावर, फिल्म सिटी रोड,
मलाड (ई), मुम्बई-400097

M/s Krishsons International Engineers and
Consultants (I) Pvt. Ltd.,
304, Velentine Tower, Film City Road,
Malad East, Mumbai-400097

विषय : अगमेन्टेशन ऑफ पॉवर सप्लाई सिस्टम, सबस्टेशन एण्ड एलाइड वर्क एट सी.ए.टी.सी.,
प्रयागराज। उपशीर्ष: रिप्लेसमेंट ऑफ एक्सीस्टिंग एल टी पैनेल्स इन्स्टीट्यूट ब्लॉक एण्ड
एलाइड वर्क्स।

Sub : Augmentation of power supply system, substation and allied work at CATC, Prayagraj.
SH: Replacement of existing LT Panels of Institute block and allied works.

संदर्भ-1 : भा.वि.प्रा. की बिड संख्या : 2025_AAI_251184_1

Ref.-1 : A.A.I. Bid No.: 2025_AAI_251184_1

प्रिय महोदय,

- उपरोक्त कार्य के लिए आपकी निविदा रुपये 65,62,700.00 (रुपये पैंसठ लाख बासठ हजार सात सौ मात्र) (वस्तु एवं सेवाकर के बिना) की मद दर निविदा, जो कि कार्य की न्यायोचित लागत रुपये 1,00,34,563 (रुपये एक करोड़ चौतीस हजार पाँच सौ तिरसठ मात्र) से 34.60% (चौतीस दशमलव छः शून्य प्रतिशत) कम है, आपके द्वारा निविदा प्रपत्र की अनुसूची 'अ' में दर्शायी गयी मद दरों पर भरी गई है, को अध्यक्ष, भारतीय विमानपत्तन प्राधिकरण की ओर से स्वीकृत की जाती है।

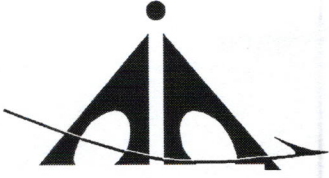
Your tender for the work mentioned above is hereby accepted on behalf of the Chairman, Airports Authority of India at the item rates quoted by you totalling to Rs. 65,62,700.00 (Rupees Sixty Five Lakh Sixty Two Thousand Seven Hundred Only) (Exclusive GST) which is 34.60% (Thirty Four Point Six Zero Percent), Below the justified cost of Rs.1,00,34,563.00 (Rupees One Crore Thirty Four Thousand Five Hundred Sixty Three Only).

- सहायक महाप्रबन्धक अभियांत्रिकी (विद्युत), भा.वि.प्रा., सी.ए.टी.सी., बमरौली प्रयागराज इस कार्य के प्रभारी अभियन्ता होंगे। आपसे अनुरोध है कि दिनांक 13 दिसम्बर 2025 तक सहायक महाप्रबन्धक (अभियांत्रिकी-विद्युत), के कार्यालय में उपस्थित होकर ठेका संविदा को हस्ताक्षरित कर पूर्ण करें। अनुबन्ध रुपए 100/- के गैर न्यायीक स्टाम्प पेपर पर सम्पादित किया जाएगा, स्टाम्प पेपर की कीमत आपके द्वारा वहन की जाएगी।

The Asstt. Gen. Manager (Engg-Elect), AAI, CATC, Bamrauli, Prayagraj shall be the Engineer-In-Charge of the work. You are requested to attend the office of the undersigned by 13/12/2025 to sign and complete the contract agreement. The contract agreement shall be executed on a non-judicial stamp paper of value ₹ 100/- and the cost of stamp paper shall be borne by you.

 28.11.2025

शेष पृष्ठ 2 पर.....



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- 3) कृपया सुरक्षा राशि रुपये **6,56,270.00** (रुपये छः लाख छप्पन हजार दो सौ सत्तर मात्र) इस पत्र के निर्गत दिनांक से 15 दिनों के भीतर जमा करें अन्यथा उक्त धनराशि की कटौती संविदा प्रपत्र की उक्त संदर्भित शर्त के अनुसार चालू लेखा बिलों से की जाएगी।

इस पत्र के जारी होने की दिनांक से 30 दिनों के भीतर आप भारतीय विमानपत्तन प्राधिकरण को सामान्य नियम और निर्देश के खंड 14 पेज नंबर 51-52 के अनुसार अनुसूचित वाणिज्यिक बैंक (अर्थात् भारतीय रिजर्व बैंक अधिनियम 1934 की दूसरी अनुसूची में शामिल भारतीय या विदेशी बैंक, सहकारी/क्षेत्रीय ग्रामीण बैंकों को छोड़कर) से जारी रुपये **9,02,371.00** (रुपये नौ लाख दो हजार तीन सौ इकहत्तर मात्र) की राशि का एक अतिरिक्त निष्पादन सुरक्षा, अपरिवर्तनीय बीमा जमानत बांड, डिमांड ड्राफ्ट, बैंक गारंटी के रूप में प्रस्तुत करें।

- 3) Please deposit **Rs. 6,56,270.00** (Rupees Six Lakh Fifty Six Thousand Two Hundred Seventy Only), towards security deposit within 15 days from the date of issue of this letter, failing which the same will be deducted from the Running Account Bill.

Please deposit **Rs. 9, 02,371.00** (Rupees Nine Lakh Two Thousand Three Hundred Seventy One Only) within 30 days of issue of this letter as an Additional Performance Security as per **General Rule and Direction Para 14 page 51-52** in the form of an irrevocable Insurance Surety bond, Demand Draft, Bank Guarantee issued from Scheduled Commercial Bank (i.e. Indian or Foreign Banks included in the Second Schedule of Reserve Bank of India, Act 1934 excluding Co-Operative/Regional Rural Banks).

- 4) आपसे अनुरोध है कि संविदा श्रमिक प्रावधान (विनियम एवं उन्मूलन) 1970 श्रमिक प्रावधान (विनियम एवं उन्मूलन)-केन्द्रीय नियम 1971, न्यूनतम मजदूरी अधिनियम एवं इस सम्बन्ध में केन्द्र/राज्य सरकार के नियमों का पालन करना सुनिश्चित करें।

You are requested to comply with the provisions of Contract Labour (Regulation & Abolition) Act of 1970 and Contract Labour (Regulation & Abolition) Central rules 1971 and Minimum Wages Act & Rules thereof Central and State Governments with upto date amendments.

- 5) आपको निर्देशित किया जाता है कि आप तुरन्त प्रभाव से प्रबन्धक (अभि.-विद्युत), सी.ए.टी.सी., बमरौली, प्रयागराज से सम्पर्क करें जो आपको कार्यस्थल सौंपने की व्यवस्था करेंगे।

You are also directed to contact the Manager (Engg.-Elect.), CATC, Bamrauli, Prayagraj, immediately who will arrange to hand over the site to you.

- 6) कृपया ध्यान दें कि कार्य पूर्ण करने की अवधि **09 माह** है जो दिनांक **08/12/2025** से प्रभावी मानी जाएगी।

Please note that time allowed for carrying out the work shall be **09 Months**. Which shall be reckoned from the **Dt. 08/12/2025**.

- 7) संविदा के सन्दर्भ में किसी प्रकार का पत्राचार सामान्यतः सहायक महाप्रबन्धक (अभि0-विद्युत), सी.ए.टी.सी., बमरौली, प्रयागराज-211012 को सम्बोधित करें।

Any further correspondence in connection with the contract should normally be addressed to the Asstt. Gen. Manager (Engg-Elect), CATC, Bamrauli, Prayagraj-211012.

शेष पृष्ठ 3 पर.....



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- 8) कृपया इस पत्र की पावती भेजें एवं पत्र कि अनुलिपि जो कि संलग्न है को हस्ताक्षरित कर अधोहस्ताक्षरी को स्वीकृत चिन्ह के रूप में वापस करें।
Please acknowledge the receipt and return the duplicate copy of this letter enclosed herewith after signing it to the undersigned as a token of acceptance.
- 9) ठेके की त्रुटि दायित्व अवधि 12 महीने है जो कार्य समापन की तिथि से मान्य होगा।
The Defect liability period of the contract is 12 months which will be reckoned from the date of completion.

नोट: यदि हिन्दी अथवा अंग्रेजी रुपान्तरण में कोई भिन्नता अथवा अस्पष्टता होती है तो अंग्रेजी रुपान्तरण अभिभावी होगा।

Note: In case of difference or ambiguity in Hindi or English version, the English version will prevail.

संलग्नक / Enclosures

1- मात्रा अनुसूची / Schedule of Quantities

भवदीय,

 28.11.2025

(जे.पी. चौहान)

सहायक महाप्रबन्धक (अभि.-विद्युत)
Assistant General Manager (Engg.-Elect.)
सी.ए.टी.सी., बमरौली, प्रयागराज
CATC, Bamrauli, Prayagraj
कृते अध्यक्ष, भा.वि.प्रा.
On Behalf of Chairman, AAI

वितरण : -

1. वैयक्तिक सहायक, प्रधानाचार्य जी-सी.ए.टी.सी. बमरौली, प्रयागराज-सूचनार्थ।
2. उप महाप्रबंधक (अभि.-विद्युत)-सी.ए.टी.सी. बमरौली, प्रयागराज-सूचनार्थ।
3. उप महाप्रबंधक (अभि.-सिविल)-सी.ए.टी.सी. बमरौली, प्रयागराज-सूचनार्थ।
4. उप महाप्रबंधक (वित्त एवं लेखा)-सी.ए.टी.सी. बमरौली, प्रयागराज-सूचनार्थ।
5. प्रबंधक (अभि.-विद्युत)-सी.ए.टी.सी. बमरौली, प्रयागराज-सूचनार्थ।
6. सहायक प्रबंधक (राजभाषा)-सी.ए.टी.सी. बमरौली, प्रयागराज-सूचनार्थ।
7. कार्य आदेश फाइल
8. सम्बन्धित कार्य की फाइल
9. अनुबंध प्रतिलिपि
10. राजभाषा गार्ड फाइल

SCHEDULE OF QUANTITIES

Name of work: Augmentation of power supply system, substation and allied work at CATC, Prayagraj. SH: Replacement of existing LT Panels of Institute block and allied works.

S. No.	Description of Item	UNIT	QTY	Rate (Total Rate without GST)	Amount (Total amount without GST)
1	Design, manufacture, supply, installation, testing and commissioning of Indoor type LT Panel, as per IEC 61439, cubicle & modular type, made of 2 mm thick electro galvanized steel/CRCA sheets for frame work and covers, 3mm thick for gland plates, totally enclosed, IP 54, free standing, floor mounting, dust and vermin proof, compartmentalized, including cleaning & finishing complete with all process, powder coated, painting, complete with handle and gasket, suitable for operation on 3 Phase and neutral, 415V, 50 Hz AC system with Al. bus bars, fabrication shall be done in transportation sections, entire panel shall have a common earth bar of suitable size at the rear with 2 nos. earth stud, control wiring with FRLS PVC insulated copper conductor, cable allays, cable gland plates in two half, interconnections including supply & installation of following items and as per detailed technical specification.				
	INCOMINGS				
	250 A, FP, 36 KA, MCCB with thermal magnetic based release having adjustable over load and adjustable short circuit with rotary operating mechanism and spreader terminals-01 No.				
	METERING				
	96 mm square flush pattern digital Voltmeter (0-500 V), accuracy class 1, suitable range for 3 phase, 4 wire operation with LED display and built-in selector switch along with 3 nos. of 2 Amp SP MCBs.- 1 set				
	96 mm sq. Flush pattern Digital Type Ammeter of suitable range to measure 0-500A, for 3 phase 4 wire operation with LED display and built-in selector switch with 3 numbers of class 1.0 accuracy, 15 VA burden & suitable range CTs.- 1 set.				
	1 Set of Indication Lamps, LED type, R, Y, B each with 2 Amp. SP MCB for protection.				
	BUS BAR				
	1 set of high conductivity Aluminium electrolytic grade, bus bars of minimum 300 Amps capacity, TPN with heat shrinkable colored sleeves and non-combustible, non-hygroscopic, high strength SMC/ DMC/Polymer material bus bars supports at required intervals.				
	OUTGOINGS				
	100A, FP, 18 KA, MCCB with thermal magnetic based release having adjustable over load and adjustable short circuit with rotary operating mechanism and spreader terminals and ON/OFF LED Indication lamp-2 Nos.				
	63A, FP, 18 KA, MCCB with thermal magnetic based release having adjustable over load and adjustable short circuit with rotary operating mechanism and spreader terminals and ON/OFF LED Indication lamp-8 Nos.				
	Note- All MCCBs should have (i) Ics = Icu at 415 V (ii) Rotary operating mechanism and terminal extension / spreaders (iii) ON/OFF Indication (iv) All MCCBs shall be current limiting type.	1	Job	204000	204000.00

S. No.	Description of Item	UNIT	QTY	Rate (Total Rate without GST)	Amount (Total amount without GST)
2	Design, manufacture, supply, installation, testing and commissioning of Indoor type LT Panel, as per IEC 61439, cubicle & modular type, made of 2 mm thick electro galvanized steel/CRCA sheets for frame work and covers, 3mm thick for gland plates, totally enclosed, IP 54, free standing, floor mounting, dust and vermin proof, compartmentalized, including cleaning & finishing complete with all process, powder coated, painting, complete with handle and gasket, suitable for operation on 3 Phase and neutral, 415V, 50 Hz AC system with Al. bus bars, fabrication shall be done in transportation sections, entire panel shall have a common earth bar of suitable size at the rear with 2 nos. earth stud, control wiring with FRLS PVC insulated copper conductor, cable allays, cable gland plates in two half, interconnections including supply & installation of following items and as per detailed technical specification.				
	INCOMINGS				
	250 A, FP, 36 KA, MCCB with thermal magnetic based release having adjustable over load and adjustable short circuit with rotary operating mechanism and spreader terminals-01 No.				
	METERING				
	96 mm square flush pattern digital Voltmeter (0-500 V), accuracy class 1, suitable range for 3 phase, 4 wire operation with LED display and built-in selector switch along with 3 nos. of 2 Amp SP MCBs.- 1 set				
	96 mm sq. Flush pattern Digital Type Ammeter of suitable range to measure 0-500A, for 3 phase 4 wire operation with LED display and built-in selector switch with 3 numbers of class 1.0 accuracy, 15 VA burden & suitable range CTs.- 1 set.				
	1 Set of Indication Lamps, LED type, R, Y, B each with 2 Amp. SP MCB for protection.				
	BUS BAR				
	1 set of high conductivity Aluminium electrolytic grade, bus bars of minimum 300 Amps capacity, TPN with heat shrinkable colored sleeves and non-combustible, non-hygroscopic, high strength SMC/ DMC/Polymer material bus bars supports at required intervals.				
	OUTGOINGS				
	63A, FP, 18 KA, MCCB with thermal magnetic based release having adjustable over load and adjustable short circuit with rotary operating mechanism and spreader terminals and ON/OFF LED Indication lamp-6 Nos.				
	Note- All MCCBs should have (i) Ics = Icu at 415 V (ii) Rotary operating mechanism and terminal extension / spreaders (iii) ON/OFF Indication (iv) All MCCBs shall be current limiting type.	3	Job	143000	429000.00

S. No.	Description of Item	UNIT	QTY	Rate (Total Rate without GST)	Amount (Total amount without GST)
3	Design, manufacture, supply, installation, testing and commissioning of Indoor type LT Panel, as per IEC 61439, cubicle & modular type, made of 2 mm thick electro galvanized steel/CRCA sheets for frame work and covers, 3mm thick for gland plates, totally enclosed, IP 54, free standing, floor mounting, dust and vermin proof, compartmentalized, including cleaning & finishing complete with all process, powder coated, painting, complete with handle and gasket, suitable for operation on 3 Phase and neutral, 415V, 50 Hz AC system with Al. bus bars, fabrication shall be done in transportation sections, entire panel shall have a common earth bar of suitable size at the rear with 2 nos. earth stud, control wiring with FRLS PVC insulated copper conductor, cable allays, cable gland plates in two half, interconnections including supply & installation of following items and as per detailed technical specification.				
	INCOMING				
	250 A, FP, 36 KA, MCCB with thermal magnetic based release having adjustable over load and adjustable short circuit with rotary operating mechanism and spreader terminals-01 No.				
	METERING				
	96 mm square flush pattern digital Voltmeter (0-500 V), accuracy class 1, suitable range for 3 phase, 4 wire operation with LED display and built-in selector switch along with 3 nos. of 2 Amp SP MCBs.- 1 set				
	96 mm sq. Flush pattern Digital Type Ammeter of suitable range to measure 0-500A, for 3 phase 4 wire operation with LED display and built-in selector switch with 3 numbers of class 1.0 accuracy, 15 VA burden & suitable range CTs.- 1 set.				
	1 Set of Indication Lamps, LED type, R, Y, B each with 2 Amp. SP MCB for protection.				
	BUS BAR				
	1 set of high conductivity Aluminium electrolytic grade, bus bars of minimum 300 Amps capacity, TPN with heat shrinkable colored sleeves and non-combustible, non-hygroscopic, high strength SMC/ DMC/Polymer material bus bars supports at required intervals.				
	OUTGOINGS				
	100A, FP, 18 KA, MCCB with thermal magnetic based release having adjustable over load and adjustable short circuit with rotary operating mechanism and spreader terminals and ON/OFF LED Indication lamp-2 Nos.				
	63A, FP, 18 KA, MCCB with thermal magnetic based release having adjustable over load and adjustable short circuit with rotary operating mechanism and spreader terminals and ON/OFF LED Indication lamp-5 Nos.				
	Note- All MCCBs should have (i) Ics = Icu at 415 V (ii) Rotary operating mechanism and terminal extension / spreaders (iii) ON/OFF Indication (iv) All MCCBs shall be current limiting type.	2	Job	176000	352000.00

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S. No.	Description of Item	UNIT	QTY	Rate (Total Rate without GST)	Amount (Total amount without GST)
4	Design, manufacture, supply, installation, testing and commissioning of Indoor type LT Panel, as per IEC 61439, cubicle & modular type, made of 2 mm thick electro galvanized steel/CRCA sheets for frame work and covers, 3mm thick for gland plates, totally enclosed, IP 54, free standing, floor mounting, dust and vermin proof, compartmentalized, including cleaning & finishing complete with all process, powder coated, painting, complete with handle and gasket, suitable for operation on 3 Phase and neutral, 415V, 50 Hz AC system with Al. bus bars, fabrication shall be done in transportation sections, entire panel shall have a common earth bar of suitable size at the rear with 2 nos. earth stud, control wiring with FRLS PVC insulated copper conductor, cable allays, cable gland plates in two half, interconnections including supply & installation of following items and as per detailed technical specification.				
	INCOMINGS				
	250 A, FP, 36 KA, MCCB with thermal magnetic based release having adjustable over load and adjustable short circuit with rotary operating mechanism and spreader terminals-01 No.				
	METERING				
	96 mm square flush pattern digital Voltmeter (0-500 V), accuracy class 1, suitable range for 3 phase, 4 wire operation with LED display and built-in selector switch along with 3 nos. of 2 Amp SP MCBs.- 1 set				
	96 mm sq. Flush pattern Digital Type Ammeter of suitable range to measure 0-500A, for 3 phase 4 wire operation with LED display and built-in selector switch with 3 numbers of class 1.0 accuracy, 15 VA burden & suitable range CTs.- 1 set.				
	1 Set of Indication Lamps, LED type, R, Y, B each with 2 Amp. SP MCB for protection.				
	BUS BAR				
	1 set of high conductivity Aluminium electrolytic grade, bus bars of minimum 300 Amps capacity, TPN with heat shrinkable colored sleeves and non-combustible, non-hygroscopic, high strength SMC/ DMC/Polymer material bus bars supports at required intervals.				
	OUTGOINGS				
	100A, FP, 18 KA, MCCB with thermal magnetic based release having adjustable over load and adjustable short circuit with rotary operating mechanism and spreader terminals and ON/OFF LED Indication lamp-2 Nos.				
	63A, FP, 18 KA, MCCB with thermal magnetic based release having adjustable over load and adjustable short circuit with rotary operating mechanism and spreader terminals and ON/OFF LED Indication lamp-8 Nos.				
	Note- All MCCBs should have (i) Ics = Icu at 415 V (ii) Rotary operating mechanism and terminal extension / spreaders (iii) ON/OFF Indication (iv) All MCCBs shall be current limiting type.	1	Job	208000	208000.00

S. No.	Description of Item	UNIT	QTY	Rate (Total Rate without GST)	Amount (Total amount without GST)
5	Design, manufacture, supply, installation, testing and commissioning of Indoor type LT Panel, as per IEC 61439, cubicle & modular type, made of 2 mm thick electro galvanized steel/CRCA sheets for frame work and covers, 3mm thick for gland plates, totally enclosed, IP 54, free standing, floor mounting, dust and vermin proof, compartmentalized, including cleaning & finishing complete with all process, powder coated, painting, complete with handle and gasket, suitable for operation on 3 Phase and neutral, 415V, 50 Hz AC system with Al. bus bars, fabrication shall be done in transportation sections, entire panel shall have a common earth bar of suitable size at the rear with 2 nos. earth stud, control wiring with FRLS PVC insulated copper conductor, cable allays, cable gland plates in two half, interconnections including supply & installation of following items and as per detailed technical specification.				
	INCOMINGS				
	250 A, FP, 36 KA, MCCB with thermal magnetic based release having adjustable over load and adjustable short circuit with rotary operating mechanism and spreader terminals-01 No.				
	METERING				
	96 mm square flush pattern digital Voltmeter (0-500 V), accuracy class 1, suitable range for 3 phase, 4 wire operation with LED display and built-in selector switch along with 3 nos. of 2 Amp SP MCBs.- 1 set				
	96 mm sq. Flush pattern Digital Type Ammeter of suitable range to measure 0-500A, for 3 phase 4 wire operation with LED display and built-in selector switch with 3 numbers of class 1.0 accuracy, 15 VA burden & suitable range CTs.- 1 set.				
	1 Set of Indication Lamps, LED type, R, Y, B each with 2 Amp. SP MCB for protection.				
	BUS BAR				
	1 set of high conductivity Aluminium electrolytic grade, bus bars of minimum 300 Amps capacity, TPN with heat shrinkable colored sleeves and non-combustible, non-hygroscopic, high strength SMC/ DMC/Polymer material bus bars supports at required intervals.				
	OUTGOINGS				
	63A, FP, 18 KA, MCCB with thermal magnetic based release having adjustable over load and adjustable short circuit with rotary operating mechanism and spreader terminals and ON/OFF LED Indication lamp-7 Nos.				
	Note- All MCCBs should have (i) Ics = Icu at 415 V (ii) Rotary operating mechanism and terminal extension / spreaders (iii) ON/OFF Indication (iv) All MCCBs shall be current limiting type.	1	Job	169000	169000.00

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S. No.	Description of Item	UNIT	QTY	Rate (Total Rate without GST)	Amount (Total amount without GST)
6	Design, manufacture, supply, installation, testing and commissioning of Indoor type LT Panel, as per IEC 61439, cubicle & modular type, made of 2 mm thick electro galvanized steel/CRCA sheets for frame work and covers, 3mm thick for gland plates, totally enclosed, IP 54, free standing, floor mounting, dust and vermin proof, compartmentalized, including cleaning & finishing complete with all process, powder coated, painting, complete with handle and gasket, suitable for operation on 3 Phase and neutral, 415V, 50 Hz AC system with Al. bus bars, fabrication shall be done in transportation sections, entire panel shall have a common earth bar of suitable size at the rear with 2 nos. earth stud, control wiring with FRLS PVC insulated copper conductor, cable allays, cable gland plates in two half, interconnections including supply & installation of following items and as per detailed technical specification.				
	INCOMINGS				
	400 A, FP, Ics=Icu=36 kA, MCCB with Microprocessor based release having adjustable over load and adjustable short circuit with rotary operating mechanism and spreader terminals-02 Nos.				
	BUS COUPLER				
	1 Nos. of 400 A, FP, Ics=Icu=36 kA, MCCB with Microprocessor based release having adjustable over load and adjustable short circuit with rotary operating mechanism and spreader terminals.				
	METERING				
	96 mm square flush pattern digital Voltmeter (0-500 V), accuracy class 1, suitable range for 3 phase, 4 wire operation with LED display and built-in selector switch along with 3 nos. of 2 Amp SP MCBs.- 2 set				
	96 mm sq. Flush pattern Digital Type Ammeter of suitable range to measure 0-500A, for 3 phase 4 wire operation with LED display and built-in selector switch with 3 numbers of class 1.0 accuracy, 15 VA burden & suitable range CTs.- 2 set.				
	3 Set of Indication Lamps, LED type, R, Y, B each with 2 Amp. SP MCB for protection.				
	BUS BAR				
	1 set of high conductivity Aluminium electrolytic grade, bus bars of minimum 500 Amps capacity, TPN with heat shrinkable colored sleeves and non-combustible, non-hygroscopic, high strength SMC/ DMC/Polymer material bus bars supports at required intervals.				
	ACCESSORIES FOR ELECTRICAL & MECHANICAL INTERLOCKING				
	Electrical & mechanical interlocking arrangement as per specifications among 2 nos. Incomers and 1 no. Bus Coupler including interconnections etc. as required.				
	OUTGOINGS				
	100A, FP, 25 KA, MCCB with thermal magnetic based release having adjustable over load and adjustable short circuit with rotary operating mechanism and spreader terminals and ON/OFF LED Indication lamp-3 Nos.				

S. No.	Description of Item	UNIT	QTY	Rate (Total Rate without GST)	Amount (Total amount without GST)
	63A, FP, 18 KA, MCCB with thermal magnetic based release having adjustable over load and adjustable short circuit with rotary operating mechanism and spreader terminals and ON/OFF LED Indication lamp-14 Nos.				
	Note- All MCCBs should have (i) Ics = Icu at 415 V (ii) Rotary operating mechanism and terminal extension / spreaders (iii) ON/OFF Indication (iv) All MCCBs shall be current limiting type.	3	Job	474000	1422000.00
7	Design, manufacture, supply, installation, testing and commissioning of Indoor type LT Panel, as per IEC 61439, cubicle & modular type, made of 2 mm thick electro galvanized steel/CRCA sheets for frame work and covers, 3mm thick for gland plates, totally enclosed, IP 54, free standing, floor mounting, dust and vermin proof, compartmentalized, including cleaning & finishing complete with all process, powder coated, painting, complete with handle and gasket, suitable for operation on 3 Phase and neutral, 415V, 50 Hz AC system with Al. bus bars, fabrication shall be done in transportation sections, entire panel shall have a common earth bar of suitable size at the rear with 2 nos. earth stud, control wiring with FRLS PVC insulated copper conductor, cable allays, cable gland plates in two half, interconnections including supply & installation of following items and as per detailed technical specification.				
	INCOMINGS				
	250 A, FP, 36 KA, MCCB with thermal magnetic based release having adjustable over load and adjustable short circuit with rotary operating mechanism and spreader terminals-01 No.				
	METERING				
	96 mm square flush pattern digital Voltmeter (0-500 V), accuracy class 1, suitable range for 3 phase, 4 wire operation with LED display and built-in selector switch along with 3 nos. of 2 Amp SP MCBs.- 1 set				
	96 mm sq. Flush pattern Digital Type Ammeter of suitable range to measure 0-500A, for 3 phase 4 wire operation with LED display and built-in selector switch with 3 numbers of class 1.0 accuracy, 15 VA burden & suitable range CTs.- 1 set.				
	1 Set of Indication Lamps, LED type, R, Y, B each with 2 Amp. SP MCB for protection.				
	BUS BAR				
	1 set of high conductivity Aluminium electrolytic grade, bus bars of minimum 300 Amps capacity, TPN with heat shrinkable colored sleeves and non-combustible, non-hygroscopic, high strength SMC/ DMC/Polymer material bus bars supports at required intervals.				
	OUTGOINGS				
	63A, FP, 18 KA, MCCB with thermal magnetic based release having adjustable over load and adjustable short circuit with rotary operating mechanism and spreader terminals and ON/OFF LED Indication lamp-5 Nos.				

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S. No.	Description of Item	UNIT	QTY	Rate (Total Rate without GST)	Amount (Total amount without GST)
	63A, FP, 18 KA, MCCB with thermal magnetic based release having adjustable over load and adjustable short circuit with rotary operating mechanism and spreader terminals and ON/OFF LED Indication lamp including Start Delta starter- 3 Nos. and DOL Starter-2 Nos. with over load relay, single phase preventer, ON/OFF indicating lighting with ON/OFF push buttons suitable for 15/20 HP mono block pump motor sets.-5 Sets.				
	Note- All MCCBs should have (i) Ics = Icu at 415 V (ii) Rotary operating mechanism and terminal extension / spreaders (iii) ON/OFF Indication (iv) All MCCBs shall be current limiting type.	1	Job	399000	399000.00
8	Design, manufacture, supply, installation, testing and commissioning of Indoor type LT Panel, as per IEC 61439, cubicle & modular type, made of 2 mm thick electro galvanized steel/CRCA sheets for frame work and covers, 3mm thick for gland plates, totally enclosed, IP 54, free standing, floor mounting, dust and vermin proof, compartmentalized, including cleaning & finishing complete with all process, powder coated, painting, complete with handle and gasket, suitable for operation on 3 Phase and neutral, 415V, 50 Hz AC system with Al. bus bars, fabrication shall be done in transportation sections, entire panel shall have a common earth bar of suitable size at the rear with 2 nos. earth stud, control wiring with FRLS PVC insulated copper conductor, cable allays, cable gland plates in two half, interconnections including supply & installation of following items and as per detailed technical specification.				
	INCOMINGS				
	400 A, FP, Ics=Icu=36 kA, MCCB with Microprocessor based release having adjustable over load and adjustable short circuit with rotary operating mechanism and spreader terminals-01 No.				
	METERING				
	96 mm square flush pattern digital Voltmeter (0-500 V), accuracy class 1, suitable range for 3 phase, 4 wire operation with LED display and built-in selector switch along with 3 nos. of 2 Amp SP MCBs.- 1 set				
	96 mm sq. Flush pattern Digital Type Ammeter of suitable range to measure 0-500A, for 3 phase 4 wire operation with LED display and built-in selector switch with 3 numbers of class 1.0 accuracy, 15 VA burden & suitable range CTs.- 1 set.				
	1 Set of Indication Lamps, LED type, R, Y, B each with 2 Amp. SP MCB for protection.				
	BUS BAR				
	1 set of high conductivity Aluminium electrolytic grade, bus bars of minimum 500 Amps capacity, TPN with heat shrinkable colored sleeves and non-combustible, non-hygrosopic, high strength SMC/ DMC/Polymer material bus bars supports at required intervals.				
	OUTGOINGS				
	200A, FP, 36 KA, MCCB with thermal magnetic based release having adjustable over load and adjustable short circuit with rotary operating mechanism and spreader terminals and ON/OFF LED Indication lamp-1 Nos.				

S. No.	Description of Item	UNIT	QTY	Rate (Total Rate without GST)	Amount (Total amount without GST)
	100A, FP, 25 KA, MCCB with thermal magnetic based release having adjustable over load and adjustable short circuit with rotary operating mechanism and spreader terminals and ON/OFF LED Indication lamp-4 Nos.				
	Note- All MCCBs should have (i) Ics = Icu at 415 V (ii) Rotary operating mechanism and terminal extension / spreaders (iii) ON/OFF Indication (iv) All MCCBs shall be current limiting type.	1	Job	202000	202000.00
9	Design, Supply, installation, testing & commissioning of L.T. outdoor double door Feeder Panel made of 2 mm thick electro galvanized steel/CRCA sheets for frame work and covers, 3mm thick for gland plates, totally enclosed, IP 55, free standing, floor mounting, dust and vermin proof, indoor, compartmentalised, including cleaning & finishing completewith all process, powder coated, painting, with PU gasket complete with handle and gasket, suitable for operation on 3 Phase and neutral, 415V, 50 Hz AC system with Al. busbars extensible on both sides, fabrication shall be done in transportation sections, entire panel shall have a common earth bar of suitable size at the rear with 2 nos. earth stud, control wiring with FRLS. PVC insulated copper conductor, cable allays, cable gland plates in two half, interconnections including supply & installation of following items and as per detailed technical specification enclosed.				
	INCOMINGS				
	100 A, FP, 18 KA, MCCB with thermal magnetic based release having adjustable over load and adjustable short circuit with rotary operating mechanism and spreader terminals-01 No.				
	METERING				
	96 mm square flush pattern digital Voltmeter (0-500 V), accuracy class 1, suitable range for 3 phase, 4 wire operation with LED display and built-in selector switch along with 3 nos. of 2 Amp SP MCBs.- 1 set				
	96 mm sq. Flush pattern Digital Type Ammeter of suitable range to measure 0-500A, for 3 phase 4 wire operation with LED display and built-in selector switch with 3 numbers of class 1.0 accuracy, 15 VA burden & suitable range CTs.- 1 set.				
	1 Set of Indication Lamps, LED type, R, Y, B each with 2 Amp. SP MCB for protection.				
	BUS BAR				
	1 set of high conductivity Aluminium electrolytic grade, bus bars of minimum 150 Amps capacity, TPN with heat shrinkable colored sleeves and non-combustible, non-hygroscopic, high strength SMC/ DMC/Polymer material bus bars supports at required intervals.				
	OUTGOINGS				
	63A, FP, 18 KA, MCCB with thermal magnetic based release having adjustable over load and adjustable short circuit with rotary operating mechanism and spreader terminals and ON/OFF LED Indication lamp including Start Delta starter with over load relay, single phase preventer, ON/OFF indicating lighting with ON/OFF push buttons suitable for 15/20 HP mono block pump motor sets.-2 Sets.				

S. No.	Description of Item	UNIT	QTY	Rate (Total Rate without GST)	Amount (Total amount without GST)
	32A, FP, 18 KA, MCCB with thermal magnetic based release having adjustable over load and adjustable short circuit with rotary operating mechanism and spreader terminals and ON/OFF LED Indication lamps.-1 Nos.				
	Note- All MCCBs should have (i) Ics = Icu at 415 V (ii) Rotary operating mechanism and terminal extension / spreaders (iii) ON/OFF Indication (iv) All MCCBs shall be current limiting type.	2	Job	145000	290000.00
10	Design, manufacture, supply, installation, testing and commissioning of Indoor type LT Panel, as per IEC 61439, cubicle & modular type, made of 2 mm thick electro galvanized steel/CRCA sheets for frame work and covers, 3mm thick for gland plates, totally enclosed, IP 54, free standing, floor mounting, dust and vermin proof, compartmentalized, including cleaning & finishing complete with all process, powder coated, painting, complete with handle and gasket, suitable for operation on 3 Phase and neutral, 415V, 50 Hz AC system with Al. bus bars, fabrication shall be done in transportation sections, entire panel shall have a common earth bar of suitable size at the rear with 2 nos. earth stud, control wiring with FRLS PVC insulated copper conductor, cable allays, cable gland plates in two half, interconnections including supply & installation of following items and as per detailed technical specification.				
	INCOMINGS				
	400 A, FP, Ics=Icu=36 kA, MCCB with Microprocessor based release having adjustable over load and adjustable short circuit. with rotary operating mechanism and spreader terminals-01 No.				
	METERING				
	96 mm square flush pattern digital Voltmeter (0-500 V), accuracy class 1, suitable range for 3 phase, 4 wire operation with LED display and built-in selector switch along with 3 nos. of 2 Amp SP MCBs.- 1 set				
	96 mm sq. Flush pattern Digital Type Ammeter of suitable range to measure 0-500A, for 3 phase 4 wire operation with LED display and built-in selector switch with 3 numbers of class 1.0 accuracy, 15 VA burden & suitable range CTs.- 1 set.				
	1 Set of Indication Lamps, LED type, R, Y, B each with 2 Amp. SP MCB for protection.				
	BUS BAR				
	1 set of high conductivity Aluminium electrolytic grade, bus bars of minimum 500 Amps capacity, TPN with heat shrinkable colored sleeves and non-combustible, non-hygroscopic, high strength SMC/ DMC/Polymer material bus bars supports at required intervals.				
	OUTGOINGS				
	315 A, FP, Ics=Icu=36 kA, MCCB with Microprocessor based release having adjustable over load and adjustable short circuit with rotary operating mechanism and spreader terminals-01 No.				
	125A, FP, 18 KA, MCCB with thermal magnetic based release having adjustable over load and adjustable short circuit with rotary operating mechanism and spreader terminals and ON/OFF LED Indication lamp-2 Nos.				

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S. No.	Description of Item	UNIT	QTY	Rate (Total Rate without GST)	Amount (Total amount without GST)
	63A, FP, 18 KA, MCCB with thermal magnetic based release having adjustable over load and adjustable short circuit with rotary operating mechanism and spreader terminals and ON/OFF LED Indication lamp-4 Nos.				
	Note- All MCCBs should have (i) Ics = Icu at 415 V (ii) Rotary operating mechanism and terminal extension / spreaders (iii) ON/OFF Indication (iv) All MCCBs shall be current limiting type.	1	Job	147000	147000.00
11	Design, manufacture, supply, installation, testing and commissioning of Indoor type LT Panel, as per IEC 61439, cubicle & modular type, made of 2 mm thick electro galvanized steel/CRCA sheets for frame work and covers, 3mm thick for gland plates, totally enclosed, IP 54, free standing, floor mounting, dust and vermin proof, compartmentalized, including cleaning & finishing complete with all process, powder coated, painting, complete with handle and gasket, suitable for operation on 3 Phase and neutral, 415V, 50 Hz AC system with Al. bus bars, fabrication shall be done in transportation sections, entire panel shall have a common earth bar of suitable size at the rear with 2 nos. earth stud, control wiring with FRLS PVC insulated copper conductor, cable allays, cable gland plates in two half, interconnections including supply & installation of following items and as per detailed technical specification.				
	INCOMINGS				
	200A, FP, 18 KA, MCCB with thermal magnetic based release having adjustable over load and adjustable short circuit with rotary operating mechanism and spreader terminals and ON/OFF LED Indication lamp-1 Nos.				
	METERING				
	96 mm square flush pattern digital Voltmeter (0-500 V), accuracy class 1, suitable range for 3 phase, 4 wire operation with LED display and built-in selector switch along with 3 nos. of 2 Amp SP MCBs.- 1 set				
	96 mm sq. Flush pattern Digital Type Ammeter of suitable range to measure 0-500A, for 3 phase 4 wire operation with LED display and built-in selector switch with 3 numbers of class 1.0 accuracy, 15 VA burden & suitable range CTs.- 1 set.				
	1 Set of Indication Lamps, LED type, R, Y, B each with 2 Amp. SP MCB for protection.				
	BUS BAR				
	1 set of high conductivity Aluminium electrolytic grade, bus bars of minimum 250 Amps capacity, TPN with heat shrinkable colored sleeves and non-combustible, non-hygroscopic, high strength SMC/ DMC/Polymer material bus bars supports at required intervals.				
	OUTGOINGS				
	100A, FP, 18 KA, MCCB with thermal magnetic based release having adjustable over load and adjustable short circuit with rotary operating mechanism and spreader terminals and ON/OFF LED Indication lamp-1 Nos.				
	63A, FP, 18 KA, MCCB with thermal magnetic based release having adjustable over load and adjustable short circuit with rotary operating mechanism and spreader terminals and ON/OFF LED Indication lamp-4 Nos.				

S. No.	Description of Item	UNIT	QTY	Rate (Total Rate without GST)	Amount (Total amount without GST)
	Note- All MCCBs should have (i) Ics = Icu at 415 V (ii) Rotary operating mechanism and terminal extension / spreaders (iii) ON/OFF Indication (iv) All MCCBs shall be current limiting type.	1	Job	120000	120000.00
12	Design, manufacture, supply, installation, testing and commissioning of Indoor type LT Panel, as per IEC 61439, cubicle & modular type, made of 2 mm thick electro galvanized steel/CRCA sheets for frame work and covers, 3mm thick for gland plates, totally enclosed, IP 54, free standing, floor mounting, dust and vermin proof, compartmentalized, including cleaning & finishing complete with all process, powder coated, painting, complete with handle and gasket, suitable for operation on 3 Phase and neutral, 415V, 50 Hz AC system with Al. bus bars, fabrication shall be done in transportation sections, entire panel shall have a common earth bar of suitable size at the rear with 2 nos. earth stud, control wiring with FRLS PVC insulated copper conductor, cable allays, cable gland plates in two half, interconnections including supply & installation of following items and as per detailed technical specification.				
	INCOMINGS				
	250 A, FP, 36 KA, MCCB with thermal magnetic based release having adjustable over load and adjustable short circuit with rotary operating mechanism and spreader terminals-01 No.				
	METERING				
	96 mm square flush pattern digital Voltmeter (0-500 V), accuracy class 1, suitable range for 3 phase, 4 wire operation with LED display and built-in selector switch along with 3 nos. of 2 Amp SP MCBs.- 1 set				
	96 mm sq. Flush pattern Digital Type Ammeter of suitable range to measure 0-500A, for 3 phase 4 wire operation with LED display and built-in selector switch with 3 numbers of class 1.0 accuracy, 15 VA burden & suitable range CTs.- 1 set.				
	1 Set of Indication Lamps, LED type, R, Y, B each with 2 Amp. SP MCB for protection.				
	BUS BAR				
	1 set of high conductivity Aluminium electrolytic grade, bus bars of minimum 300 Amps capacity, TPN with heat shrinkable colored sleeves and non-combustible, non-hygroscopic, high strength SMC/ DMC/Polymer material bus bars supports at required intervals.				
	OUTGOINGS				
	63A, FP, 18 KA, MCCB with thermal magnetic based release having adjustable over load and adjustable short circuit with rotary operating mechanism and spreader terminals and ON/OFF LED Indication lamp-12 Nos.				
	Note- All MCCBs should have (i) Ics = Icu at 415 V (ii) Rotary operating mechanism and terminal extension / spreaders (iii) ON/OFF Indication (iv) All MCCBs shall be current limiting type.	1	Job	222000	222000.00

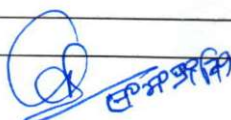
S. No.	Description of Item	UNIT	QTY	Rate (Total Rate without GST)	Amount (Total amount without GST)
13	Design, Supply, installation, testing & commissioning of L.T. outdoor double door Feeder Panel made of 2 mm thick electro galvanized steel/CRCA sheets for frame work and covers, 3mm thick for gland plates, totally enclosed, IP 55, free standing, floor mounting, dust and vermin proof, indoor, compartmentalised, including cleaning & finishing complete with all process, powder coated, painting, with PU gasket complete with handle and gasket, suitable for operation on 3 Phase and neutral, 415V, 50 Hz AC system with Al. busbars extensible on both sides, fabrication shall be done in transportation sections, entire panel shall have a common earth bar of suitable size at the rear with 2 nos. earth stud, control wiring with FRLS. PVC insulated copper conductor, cable allays, cable gland plates in two half, interconnections including supply & installation of following items and as per detailed technical specification enclosed.				
	INCOMINGS				
	250 A, FP, 36 KA, MCCB with thermal magnetic based release having adjustable over load and adjustable short circuit with rotary operating mechanism and spreader terminals-01 No.				
	METERING				
	96 mm square flush pattern digital Voltmeter (0-500 V), accuracy class 1, suitable range for 3 phase, 4 wire operation with LED display and built-in selector switch along with 3 nos. of 2 Amp SP MCBs.- 1 set				
	96 mm sq. Flush pattern Digital Type Ammeter of suitable range to measure 0-500A, for 3 phase 4 wire operation with LED display and built-in selector switch with 3 numbers of class 1.0 accuracy, 15 VA burden & suitable range CTs.- 1 set.				
	1 Set of Indication Lamps, LED type, R, Y, B each with 2 Amp. SP MCB for protection.				
	BUS BAR				
	1 set of high conductivity Aluminium electrolytic grade, bus bars of minimum 300 Amps capacity, TPN with heat shrinkable colored sleeves and non-combustible, non-hygroscopic, high strength SMC/ DMC/Polymer material bus bars supports at required intervals.				
	OUTGOINGS				
	100A, FP, 18 KA, MCCB with thermal magnetic based release having adjustable over load and adjustable short circuit with rotary operating mechanism and spreader terminals and ON/OFF LED Indication lamp-2 Nos.				
	63A, FP, 18 KA, MCCB with thermal magnetic based release having adjustable over load and adjustable short circuit with rotary operating mechanism and spreader terminals and ON/OFF LED Indication lamp-2 Nos.				
	Note- All MCCBs should have (i) Ics = Icu at 415 V (ii) Rotary operating mechanism and terminal extension / spreaders (iii) ON/OFF Indication (iv) All MCCBs shall be current limiting type.	1	Job	113000	113000.00

S. No.	Description of Item	UNIT	QTY	Rate (Total Rate without GST)	Amount (Total amount without GST)
14	Design, Supply, installation, testing & commissioning of L.T. outdoor double door Feeder Panel made of 2 mm thick electro galvanized steel/CRCA sheets for frame work and covers, 3mm thick for gland plates, totally enclosed, IP 55, free standing, floor mounting, dust and vermin proof, indoor, compartmentalized, including cleaning & finishing complete with all process, powder coated, painting, with PU gasket complete with handle and gasket, suitable for operation on 3 Phase and neutral, 415V, 50 Hz AC system with Al. busbars extensible on both sides, fabrication shall be done in transportation sections, entire panel shall have a common earth bar of suitable size at the rear with 2 nos. earth stud, control wiring with FRLS. PVC insulated copper conductor, cable allays, cable gland plates in two half, interconnections including supply & installation of following items and as per detailed technical specification enclosed.				
	INCOMINGS				
	200 A, FP, 36 KA, MCCB with thermal magnetic based release having adjustable over load and adjustable short circuit with rotary operating mechanism and spreader terminals-01 No.				
	METERING				
	96 mm square flush pattern digital Voltmeter (0-500 V), accuracy class 1, suitable range for 3 phase, 4 wire operation with LED display and built-in selector switch along with 3 nos. of 2 Amp SP MCBs.- 1 set				
	96 mm sq. Flush pattern Digital Type Ammeter of suitable range to measure 0-500A, for 3 phase 4 wire operation with LED display and built-in selector switch with 3 numbers of class 1.0 accuracy, 15 VA burden & suitable range CTs.- 1 set.				
	1 Set of Indication Lamps, LED type, R, Y, B each with 2 Amp. SP MCB for protection.				
	BUS BAR				
	1 set of high conductivity Aluminium electrolytic grade, bus bars of minimum 250 Amps capacity, TPN with heat shrinkable colored sleeves and non-combustible, non-hygroscopic, high strength SMC/ DMC/Polymer material bus bars supports at required intervals.				
	OUTGOINGS				
	63 A, FP, 18 KA, MCCB with thermal magnetic based release having adjustable over load and adjustable short circuit with rotary operating mechanism and spreader terminals and ON/OFF LED Indication lamp-2 Nos.				
	32 A, FP, 18 KA, MCCB with thermal magnetic based release having adjustable over load and adjustable short circuit with rotary operating mechanism and spreader terminals and ON/OFF LED Indication lamp-2 Nos.				
	32 A, DP MCB - 4 Nos.				
	Note- All MCCBs should have (i) Ics = Icu at 415 V (ii) Rotary operating mechanism and terminal extension / spreaders (iii) ON/OFF Indication (iv) All MCCBs shall be current limiting type.	1	Job	118000	118000.00


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S. No.	Description of Item	UNIT	QTY	Rate (Total Rate without GST)	Amount (Total amount without GST)
15	Design, Supply, installation, testing & commissioning of L.T. outdoor double door Feeder Panel made of 2 mm thick electro galvanized steel/CRCA sheets for frame work and covers, 3mm thick for gland plates, totally enclosed, IP 55, free standing, floor mounting, dust and vermin proof, indoor, compartmentalized, including cleaning & finishing complete with all process, powder coated, painting, with PU gasket complete with handle and gasket, suitable for operation on 3 Phase and neutral, 415V, 50 Hz AC system with Al. busbars extensible on both sides, fabrication shall be done in transportation sections, entire panel shall have a common earth bar of suitable size at the rear with 2 nos. earth stud, control wiring with FRLS. PVC insulated copper conductor, cable allays, cable gland plates in two half, interconnections including supply & installation of following items and as per detailed technical specification enclosed.				
	INCOMING				
	250 A, FP, 36 KA, MCCB with thermal magnetic based release having adjustable over load and adjustable short circuit with rotary operating mechanism and spreader terminals-01 No.				
	METERING				
	96 mm square flush pattern digital Voltmeter (0-500 V), accuracy class 1, suitable range for 3 phase, 4 wire operation with LED display and built-in selector switch along with 3 nos. of 2 Amp SP MCBs.- 1 set				
	96 mm sq. Flush pattern Digital Type Ammeter of suitable range to measure 0-500A, for 3 phase 4 wire operation with LED display and built-in selector switch with 3 numbers of class 1.0 accuracy, 15 VA burden & suitable range CTs.- 1 set.				
	1 Set of Indication Lamps, LED type, R, Y, B each with 2 Amp. SP MCB for protection.				
	BUS BAR				
	1 set of high conductivity Aluminium electrolytic grade, bus bars of minimum 300 Amps capacity, TPN with heat shrinkable colored sleeves and non-combustible, non-hygroscopic, high strength SMC/ DMC/Polymer material bus bars supports at required intervals.				
	OUTGOINGS				
	100A, FP, 18 KA, MCCB with thermal magnetic based release having adjustable over load and adjustable short circuit with rotary operating mechanism and spreader terminals and ON/OFF LED Indication lamp-2 Nos.				
	63A, FP, 18 KA, MCCB with thermal magnetic based release having adjustable over load and adjustable short circuit with rotary operating mechanism and spreader terminals and ON/OFF LED Indication lamp-5 Nos.				
	Note- All MCCBs should have (i) Ics = Icu at 415 V (ii) Rotary operating mechanism and terminal extension / spreaders (iii) ON/OFF Indication (iv) All MCCBs shall be current limiting type.	1	Job	163000	163000.00

S. No.	Description of Item	UNIT	QTY	Rate (Total Rate without GST)	Amount (Total amount without GST)
16	Design, Supply, installation, testing & commissioning of L.T. Indoor Feeder Panel (Qtr. Meter Panel Board) made of 2 mm thick electro galvanized steel/CRCA sheets for frame work and covers, 3mm thick for gland plates, totally enclosed, IP 54, free standing, floor mounted supported with MS angle iron and above ground level up to 1 feet, dust and vermin proof, indoor, compartmentalized, including cleaning & finishing complete with all process, powder coated, painting, with PU gasket complete with handle and gasket, suitable for operation on 3 Phase and neutral, 415V, 50 Hz AC system with Al. busbars extensible on both sides, fabrication shall be done in transportation sections, entire panel shall have a common earth bar of suitable size at the rear with 2 nos. earth stud, control wiring with FRLS. PVC insulated copper conductor, cable allays, cable gland plates in two half, interconnections including supply & installation of following items and as per detailed technical specification enclosed.				
	INCOMING				
	100 A, FP, 18 KA, MCCB with thermal magnetic based release having adjustable over load and adjustable short circuit with rotary operating mechanism and spreader terminals-01 No.				
	METERING				
	96 mm square flush pattern digital Voltmeter (0-500 V), accuracy class 1, suitable range for 3 phase, 4 wire operation with LED display and built-in selector switch along with 3 nos. of 2 Amp SP MCBs.- 1 set				
	96 mm sq. Flush pattern Digital Type Ammeter of suitable range to measure 0-500A, for 3 phase 4 wire operation with LED display and built-in selector switch with 3 numbers of class 1.0 accuracy, 15 VA burden & suitable range CTs.- 1 set.				
	1 Set of Indication Lamps, LED type, R, Y, B each with 2 Amp. SP MCB for protection.				
	BUS BAR				
	1 set of high conductivity Aluminium electrolytic grade, bus bars of minimum 125 Amps capacity, TPN with heat shrinkable colored sleeves and non-combustible, non-hygroscopic, high strength SMC/ DMC/Polymer material bus bars supports at required intervals.				
	OUTGOINGS				
	63A, FP MCB with Class 1 Base mounting Single Phase kWh meter (1P LCD Meter 5-30A) with LCD display for quarters meter reading 06 Nos.				
	Note- All MCCBs should have (i) Ics = Icu at 415 V (ii) Rotary operating mechanism and terminal extension / spreaders (iii) ON/OFF Indication (iv) All MCCBs shall be current limiting type.	8	Job	77000	616000.00
17	Supply of following size XLPE insulated, PVC sheathed aluminium conductor armoured power cable of 1.1KV grade confirming to IS 7098 (Part 1) with upto date amendments etc as required.				
	(a) 3.5 x 120 Sq.mm	250	Meter	650	162500.00
	(b) 3.5 x 35 Sq.mm	200	Meter	340	68000.00
	(c) 4 x 25 Sq.mm	500	Meter	215	107500.00
	(d) 4 x 16 Sq.mm	500	Meter	172	86000.00



S. No.	Description of Item	UNIT	QTY	Rate (Total Rate without GST)	Amount (Total amount without GST)
18	Supplying and laying of following size DWC HDPE pipe ISI marked along with all accessories like socket, bend, couplers etc. conforming to IS 14930, Part II complete with fitting and cutting, jointing etc. direct in ground (75 cm below ground level) including excavation and refilling the trench but excluding sand cushioning and protective covering etc., complete as required. (a) 120 mm dia (OD-120 mm & ID-103 mm nominal)	60	Meter	160	9600.00
19	Laying of one number PVC insulated and PVC sheathed / XLPE power cable of 1.1 KV grade of following size in the existing RCC/ HUME METAL pipe as required.				
	(a) Above 95 sq. mm and upto 185 sq. mm	10	Meter	60.00	600.00
	(b) Above 185 sq. mm and upto 400 sq. mm	10	Meter	80.00	800.00
20	Laying of one number PVC insulated and PVC sheathed / XLPE power cable of 1.1 KV grade of following size in the existing masonry open duct as required.				
	(a) Above 95 sq. mm and upto 185 sq. mm	10	Meter	50.00	500.00
	(b) Above 185 sq. mm and upto 400 sq. mm	10	Meter	65.00	650.00
21	Laying of one number PVC insulated and PVC sheathed / XLPE power cable of 1.1 KV grade of following size in the existing RCC/ HUME METAL pipe as required.				
	(a) Upto 35 sq. mm (clamped with 1mm thick saddle)	50	Meter	35	1750.00
	(b) Above 35 sq. mm and upto 95 sq. mm (clamped with 25x3mm MS flat clamp)	20	Meter	100	2000.00
	(c) Above 95 sq. mm and upto 185 sq. mm (clamped with 25/40x3mm MS flat clamp)	20	Meter	110	2200.00
	(d) Above 185 sq. mm and upto 400 sq. mm (clamped with 40x3mm MS flat clamp)	20	Meter	160	3200.00
22	Extra for excavation of hard rock/ concrete surface by cutting the hard road/ concrete surface and getting out the excavated material, lifting and disposing of the same within a lead of 50 Mtrs. as directed by Engineer-in-charge.	2	CuM	800	1600.00
23	Earthing with GI earth plate 600mm X 600mm X 6 mm thick including accessories and providing masonry enclosure with cover plate having locking arrangement and watering pipe of 2.7 mtr long etc with charcoal or coke and salt complete as required	10	Each	7000	70000.00
24	Supplying and laying 25 mm X 5 mm G.I strip at 0.50 meter below ground as strip earth electrode, including connection/ terminating with nut, bolt, spring, washer etc. as required.	100	Meter	140	14000.00
25	Providing and fixing 25 mm x 5 mm G. I. strip in 40 mm dia. G. I. pipe from earth electrode as required.	30	Meter	500	15000.00
26	Providing and fixing 25 mm X 5 mm G.I. strip on surface or in recess for connections etc. as required	100	Meter	140	14000.00


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S. No.	Description of Item	UNIT	QTY	Rate (Total Rate without GST)	Amount (Total amount without GST)
27	Earthing with G.I. earth pipe 4.5 metre long, 40 mm dia including accessories, and providing masonry enclosure with cover plate having locking arrangement and watering pipe etc. with charcoal/ coke and salt as required	25	Each	6000	150000.00
28	Providing and laying earth connection from earth electrode with 6 SWG dia G.I. Wire in 15 mm dia G.I. pipe from earth electrode including connection with G.I. thimble excavation and re-filling as required.	150	Meter	150	22500.00
29	Providing and fixing 6 SWG dia G.I. wire on surface or in recess for loop earthing as required.	100	Meter	30	3000.00
30	Providing and laying in position cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size) in foundation of pump, DG set etc including form work etc as required.	2	CuM	6000	12000.00
31	Supplying and making end termination with brass compression gland and aluminium lugs for following size of XLPE insulated PVC sheathed aluminium conductor cable of 1.1 kV grade when as required.				
	(a) 3.5x35 sqmm	30	Each	300	9000.00
	(b) 3.5x120 sqmm	16	Each	600	9600.00
	(c) 3.5x185 sqmm	10	Each	900	9000.00
	(d) 3.5x240 sqmm	10	Each	1000	10000.00
	(e) 4x16 sqmm	50	Each	300	15000.00
	(f) 4x25 sqmm	50	Each	300	15000.00
32	Providing and fixing M.V. danger notice plate of 200 mm X 150 mm, made of mild steel, at least 2 mm thick, and vitreous enameled white on both sides, and with inscription in single red colour on front side as required.	20	Each	350	7000.00
33	Supplying and installing following size of perforated Hot Dipped Galvanised Iron cable tray (Galvanisation thickness not less than 50 microns) with perforation not more than 17.5%, in convenient sections, joined with connectors, suspended from the ceiling with G.I. suspenders including G.I. bolts & nuts, etc. as required. (a) 150 mm width X 50 mm depth X 1.6 mm thickness	30	Meter	700	21000.00
34	Supply of petrol-driven long-reach hedge trimmer for trimming, comfortable and flexible working on tall, long and wide hedges etc complete as required. Model No. HL 94 C-E of STIHL make or its equivalent make and model.	1	Each	40000	40000.00
35	Supply of Electric-driven long-reach hedge trimmer for trimming, comfortable and flexible working on tall, long and wide hedges etc complete as required. Model No. HSE 81 of STIHL make or its equivalent make and model.	1	Each	27940	27940.00
36	Supplying and fixing following way, horizontal type three pole and neutral, sheet steel, MCB distribution board, 415V, on surface/recess, complete with tinned copper bus bar, neutral bus bar, earth bus bar, din bar, interconnections, powder painted including earthing etc. as required. (But without MCB/RCCB/Isolator)				
	8 way (8+24), Double door	53	Each	4000	212000.00
	12 way (8+36), Double door	1	Each	5950	5950.00



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S. No.	Description of Item	UNIT	QTY	Rate (Total Rate without GST)	Amount (Total amount without GST)
37	Supplying and fixing way, single pole and neutral, sheet steel, double door MCB distribution board, 240 V, on surface/recess, complete with tinned copper bus bar, neutral bus bar, earth bar, din bar, interconnections, powder painted including earthing etc. as required. (But without MCB/RCCB/Isolator). (a) 8 way, Double door	7	Each	1500	10500.00
38	Supplying and fixing following rating, double pole, 240 V, 10 kA, "C" curve, MCB in the existing MCB DB complete with connections, testing and commissioning etc. as required (a) 63 Amps	7	Each	840	5880.00
39	Supplying and fixing following rating, triple pole (TP), 240 V, 10 kA, "C" curve, MCB in the existing MCB DB complete with connections, testing and commissioning etc. as required (a) 40 Amps	7	Each	1200	8400.00
40	Supplying and fixing following rating, four pole, 415 V, 10 kA, "C" curve, MCB in the existing MCB DB complete with connections, testing and commissioning etc. as required. (a) 63 Amps	53	Each	1350	71550.00
41	Supplying and fixing 10 A to 32 A rating, 240/415 V, 10 kA, "C" curve, miniature circuit breaker suitable for inductive load of following poles in the existing MCB DB complete with connections, testing and commissioning etc. complete as required. (a) Single Pole.	1000	Each	130	130000.00
42	Supplying and fixing single pole blanking plate in the existing MCB DB complete etc. as required.	30	Each	16	480.00
43	Dismantling of existing 415 volt, 50Hz LT panels/AMF with accessories by disconnecting electrical connections, earthing connections of panels and transporting the upto AAI store by engaging skilled and unskilled manpower, mechanical means with required T & P etc complete as required. (a) LT Panel / Feeder Panel (approx. size 2.3 x 2.1 x 1.1 mtr)	30	Job	1000	30000.00
44	Dismantling of following LT cables from ground/open masonry duct and transporting the upto AAI store by engaging skilled and unskilled manpower, mechanical means with required T & P etc complete as required.				
	(a) up to 95 sqmm	50	Meter	30	1500.00
	(b) Above 95 sq. mm and upto 185 sq. mm	25	Meter	30	750.00
	(c) Above 185 sq. mm and upto 400 sq. mm	25	Meter	30	750.00
Total (₹)					6562700.00
Total Say (₹)					6562700.00

Rupees Sixty Five Lakh Sixty Two Thousand Seven Hundred Only


(J.P. Chauhan)
Asstt. Gen. Manager (Engg-E)
Signature Not verified
 Digitally signed by JYOTI PRAKASH CHAUHAN
 Date: 2026.07.07 17:57:49 IST
 Location: eProcurement System for Central PSUs