



भारतीय विमानपत्तन प्राधिकरण AIRPORTS AUTHORITY OF INDIA

संदर्भ सं० : एएआई/इएनजीजी/ उप.महाप्रबंधक (इ-इ) /जीएचटी- सीडब्ल्यू -21/2020-21
FILE NO. : AAI/ENGG/DGM(E-E)/GHT-CW-21/2020-21

दिनांक 26.03.2021
DATE 26.03.2021

सेवा मे / To,

मैसर्स इंडस्ट्रियल ट्रेडर्स/ M/s. Industrial Traders,
111/ 111, यादव इलेक्ट्रिक मार्केट/ Yadav Electric Market,
जी. बी. मार्ग/ G. B. Marg, लखनऊ/ Lucknow – 226018.

विषय/Subject:- ARMO 2020-21 SH: Supply of Electrical Spares for Day to Day Maintenance at
LGBI Airport, Guwahati.

संदर्भ /Ref : 1) नि. सं व / NIT No.: AAI/ENGG/SM(E-E)/GHY/NIT-14/2020-21/131-38; Date : 02.02.2021.
(Tender ID-2021_AAI_66055_1)
2) टेंडर खुलने का दिनांक / Your tender opened on 23.02.2021

महोदय / Dear Sir,

- उपर्युक्त कार्य के लिए आपका इ टेंडर अध्यक्ष, भारतीय विमानपत्तन प्राधिकरण की ओर से आप द्वारा उद्धरित मद दर जिसकी कुल राशि रु. 28,97,167.54 (अट्ठाईस लाख सत्तानबे हजार एक सौ सड़सठ रुपये और चौवन पैसा मात्र) (जी.एस.टी. रहित) है जो कि अनुमानित राशि रु. 38,65,403.00 से 25.05% प्रतिशत कम है, को एतद्वारा स्वीकार किया जाता है।
Your e-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 totaling to Rs. 28,97,167.54 (Rupees Twenty Eight lakh Ninety Seven Thousand One Hundred Sixty Seven and Fifty Four paisa Only) exclusive of GST which is 25.05% BELOW the estimated cost put to tender of Rs. 38,65,403.00.
- उप. महाप्रबंधक (इंजी.-विद्युत), भा.वि.प्रा. लो.गो.ब.अ. हवाईअड्डा, गुवाहाटी-781 015, कार्य के लिए प्रभारी इंजीनियर होंगे। आपसे अनुरोध है कि आप अपना प्रत्यायित प्रतिनिधि जिसे कि आप की ओर से संविदा करार पर हस्ताक्षर करने की शक्ति दी गई है को उप. महाप्रबंधक (इंजी.-विद्युत) के कार्यालय में करार पर हस्ताक्षर करने के लिए दिनांक 09.04.2021 तक नियुक्त करें। संविदा करार रु 100/- के नॉन ज्युडिशियल स्टाम्प पेपर पर निष्पादित किया जाएगा और स्टाम्प पेपर की लागत आपको ही वहन करनी होगी।
Dy. General Manager (Engg.-E), AAI, LGBI Airport, Guwahati-781 015, shall be the Engineer-in-charge of the work. You are requested to depute your accredited representative, empowered to sign the contract agreement on your behalf to attend the office of the Dy. General Manager (Engg.-E) by 09.04.2021 to sign and complete the agreement. The contract agreement shall be executed on a non-judicial stamp paper of value Rs.100/- (Rupees Hundred only) and the cost of the stamp paper shall be borne by you.
- कृपया इस पत्र के जारी होने के 10 दिन में सुरक्षा जमा के लिए रु 2,89,717.00 (दो लाख नवासी हजार सात सौ सत्रह रुपये मात्र) जमा करवा दें, ऐसा नहीं करने पर संविदा दस्तावेज पृष्ठा 64 पर दी गई शर्त Clause 1A के अनुसार आपके बिल से काट दी जाएगी।
Please deposit Rs 2,89,717.00 (Rupees Two Lakh Eighty Nine Thousand Seven Hundred and Seventeen Only) towards Security Deposit within 10 days from the date of issue of this letter, failing which, the same will be deducted from your bill as per the Clause 1A of condition of contract at page no. 64 of the contract document.

क्रमशः2/-

4. आपसे अनुरोध है कि अनुबंध श्रम (विनियमन और उन्मूलन) अधिनियम 1970 और अनुबंध श्रम (विनियमन और उन्मूलन) केंद्रीय नियमों 1971, बाल श्रम (निषेध और विनियमन) अधिनियम 1986, निर्माण श्रमिकों (रोजगार और सेवा की स्थिति का विनियमन) के प्रावधान का पालन करें।) अधिनियम 1996, भवन और अन्य निर्माण श्रमिक कल्याण अधिनियम 1996, जो कि केंद्र और राज्य सरकार के नियमों के जीसीसी निविदा ,19 के पेज नंबर 96 में निर्दिष्ट है।
You are requested to comply with the provision of Contract labour (Regulation and Abolition) Act 1970 and contract labour (Regulation and Abolition) Central rules 1971, Child Labour (Prohibition & Regulation) Act 1986, Construction Workers (Regulation of Employment and Condition of Service) Act 1996, Building and other construction Workers welfare Cess Act 1996 as specified in Clause 19 on page no 96 of GCC of tender and rules of Central and State Government..
5. आपको निर्देश दिए जाते हैं कि आप वरिष्ठ प्रबंधक (इंजी.-विद्युत), भा.वि.प्रा. लो.गो.ब.अ. हवाईअड्डा, गुवाहाटी-781 015, से तत्काल सम्पर्क करें जो कि आपको कार्यस्थल सुपेर्द करने की व्यवस्था करेंगे।
You are also directed to contact **Senior Manager (Engg.-E), AAI, LGBI Airport, Guwahati-781 015**, immediately who will arrange to handover the site to you.
6. कृपया यह नोट करें कि काम करने का समय **60 (साठ) दिन** है जिसे इस पत्र के जारी होने की तारीख के दस **(10) दिन** बाद से गिना जाएगा।
Please note that the time allowed for carrying out the work is **Sixty (60) Days**, which shall be reckoned from the **10th day** of issue of this letter.
7. दोष दायित्व अवधि के अनुबंध के कार्यों के पूरा होने की तारीख से बारह **(12) महीने** है, संविदा दस्तावेज के अनुसार पृष्ठा **SPC -4** के खण्ड **12** पर दी गई है।
Defect liability period of the contract is **TWELVE (12) MONTHS** from the certified date of completion of work as per clause **No 12 of special conditions at page no- SPC -4 of contract document**.
8. संविदा के संबंध में आगे किया जाने वाला पत्राचार समान्यतः प्रभारी इंजीनियर, से किया जाए।
Any further correspondence in connection with the contract should normally be addressed to the Engineer-in-charge.
9. कृपया इस आदेश की प्रति को स्वीकार करें और स्वीकृति के एक टोकन के रूप में अधिसंख्यता पर हस्ताक्षर करने के बाद इसके साथ संलग्न इस पत्र की डुप्लिकेट प्रतिलिपि 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.

भवदीय / Yours faithfully,


-26/3/2021-

(B.N. Ghatare)

उप. महाप्रबंधक (इंजी.-विद्युत)

Dy.General Manager (Engg.-E)

कृते अध्यक्ष की ओर से

For and on behalf of Chairman

भारतीय विमानपत्तन प्रधिकरण

Airports Authority of India.

Encl : Schedule of Quantities.

AIRPORTS AUTHORITY OF INDIA
LGBI AIRPORT, GUWAHATI-15.
ENGINEERING WING (ELECTRICAL)

Schedule of Quantity

Name of work : ARMO 2020-21 SH: Supply of Electrical Spares for Day to Day Maintenance at LGBI Airport, Guwahati.

Item no.	Description of Items	Qty	Unit	Rate (Rs.)	Amount (Rs.)
1.00	Supply of 6A, 1way, ISI marked, Piano type Switch suitable for 230V, 50Hz AC supply as required. (Make Anchor, cat. No. 38069 or its equivalent from list of approved makes)	400	Each	12.34	4936.00
2.00	Supply of 6A, ISI Marked, 3pin Socket outlet suitable for 230V, 50Hz AC supply as required.(Make Anchor, cat. No. 38342 or its equivalent from list of approved makes)	600	Each	28.14	16884.00
3.00	Supply of 20A, 1way, ISI marked, Power Switch suitable for 230V, 50Hz AC supply as required. (Make Anchor, cat. No. 39991 or its equivalent from list of approved makes)	150	Each	64.99	9748.50
4.00	Supply of 20A & 10A, Uni Socket suitable for 230V, 50Hz AC supply as required. (Make Anchor, cat. No. 39994 or its equivalent from list of approved makes)	250	Each	68.34	17085.00
5.00	Supply of 20 & 10 A Combined unit of Switch and Socket having shuttered along with box and four fixing holes suitable for 230V, 50Hz AC supply as required. (Make Anchor, cat. No. 39593 or its equivalent from list of approved makes)	50	Each	119.94	5997.00
6.00	Supply of single module Dummy (Blanking) plate suitable for all makes of Distribution board.	500	Each	11.25	5625.00
7.00	Supply of 6 Amp, 3 pin Plug Top, ISI marked suitable for 230V, 50Hz AC supply as required. (Make Anchor, cat. No. 39571/51348 or its equivalent from list of approved makes)	110	Each	45.56	5011.60
8.00	Supply of 16 Amp, 3 pin Plug Top, ISI marked suitable for 230V, 50Hz AC supply as required. (Make Anchor, cat. No. 39582/51395 or its equivalent from list of approved makes)	110	Each	60.30	6633.00
9.00	Supply of call bell piano type switch (push button type) ISI marked, suitable for 230 volt, 50Hz, AC supply as required. (Make Anchor, cat. No. 38091 or its equivalent from list of approved makes)	50	Each	23.45	1172.50
10.00	Supply of Battery operated/Wireless Door bell having tune selector and volume controller button. (Make Anchor, cat. No. 22750 or its equivalent)	10	Each	495.00	4950.00
11.00	Supply of 20W, T-8 LED tube lamp (6500 K) suitable to operate on 230 volt, 50Hz, AC supply as required.	170	Each	237.50	40375.00
12.00	Supply of 9W LED bulb (Pin type) (6500 K) suitable to operate on 230 volt, 50Hz, AC supply as required.	120	Each	100.00	12000.00
13.00	Supply of Universal batten fittings suitable for T8 LED tubes and operate on 230 volt, 50Hz AC supply as required (without tube).	50	Each	237.50	11875.00
14.00	Supply of 6A, angle holder (with metal ring), suitable to operate on 230 volt, 50Hz, AC supply as required.(Make Anchor, cat. No. 39797 or its equivalent from list of approved makes)	60	Each	26.13	1567.80

Item no.	Description of Items	Qty	Unit	Rate (Rs.)	Amount (Rs.)
15.00	Supply of 6A, battren holder (with metal ring), suitable to operate on 230 volt, 50Hz, AC supply as required. (Make Anchor, cat. No. 39800 or its equivalent from list of approved makes)	50	Each	26.13	1306.50
16.00	Supply of following width and thick uPVC mini trunking, ISI marked confirming to IS:14927(Part-2) as required				
16.01	a) 20 X 12 mm (Make Precision Cat No. PT 2012 or its equivalent)	400	Meter	50.43	20172.00
16.02	b) 25 X 12 mm (Make Precision Cat No. PT 2512 or its equivalent)	400	Meter	60.51	24204.00
17.00	Supply of PVC switch Box complete with cover plate of following sizes as required.				
17.01	a) 4" x 4" (Make Anchor, cat. No. PB0404AW or its equivalent from list of approved makes)	80	Each	46.88	3750.40
17.02	b) 4" x 7" (Make Anchor, cat. No. PB0407AW or its equivalent from list of approved makes)	50	Each	63.48	3174.00
17.03	c) 6" x 8" (Make Anchor, cat. No. PB0608AW or its equivalent from list of approved makes)	35	Each	89.58	3135.30
17.04	d) 8" x 10" (Make Anchor, cat. No. PB0810AW or its equivalent from list of approved makes)	15	Each	125.76	1886.40
18.00	Supply of following sizes of Modular Plates with base(inner) plate and cover(outer) plate.				
18.01	a) 3 Modular Plate (Make Anchor, cat. No. 35300WH)	10	Each	63.93	639.30
18.02	b) 4 Modular Plate (Make Anchor, cat. No. 35311WH)	10	Each	78.54	785.40
18.03	c) 6 Modular Plate (Make Anchor, cat. No. 35322WH)	10	Each	112.64	1126.40
19.00	Supply of following colour 24V AC/DC LED indication lamps of Cluster design suitable to install in the existing panel cut of sizes 22.5/30 mm etc as required.				
19.01	a) Red	10	Each	103.75	1037.50
19.02	b) Yellow	10	Each	103.75	1037.50
19.03	c) Blue	10	Each	180.00	1800.00
19.04	d) Green	10	Each	103.75	1037.50
19.05	e) White	10	Each	180.00	1800.00
19.06	f) Amber	10	Each	103.75	1037.50
20.00	Supply of following colour 110V DC LED indication lamps of Cluster design suitable to install in the existing panel cut of sizes 22.5/30mm etc as required.				
20.01	a) Red	15	Each	103.75	1556.25
20.02	b) Yellow	15	Each	103.75	1556.25
20.03	c) Blue	15	Each	180.00	2700.00
20.04	d) Green	15	Each	103.75	1556.25
20.05	e) White	15	Each	180.00	2700.00
20.06	f) Amber	15	Each	103.75	1556.25
21	Supply of following colour 240 VAC LED indication lamps of Cluster design suitable to install in the existing panel cut of sizes 22.5/30mm etc as required.				
21.01	a) Red	35	Each	103.75	3631.25
21.02	b) Yellow	35	Each	103.75	3631.25
21.03	c) Blue	35	Each	180.00	6300.00
21.04	d) Green	30	Each	103.75	3112.50

Item no.	Description of Items	Qty	Unit	Rate (Rs.)	Amount (Rs.)
22	Supply of following ratings 'B' series, ISI marked, 10 kA, Miniature Circuit Breaker(MCB) suitable to operate in 240/415 Volt, 50 Hz, AC supply as required				
22.01	a) 6 Amp, SP MCB	48	Each	107.50	5160.00
22.02	b) 10 Amp, SP MCB	36	Each	107.50	3870.00
22.03	c) 16 Amp, SP MCB	36	Each	107.50	3870.00
22.04	d) 20 Amp, SP MCB	60	Each	107.50	6450.00
22.05	e) 32 Amp, SP MCB	60	Each	107.50	6450.00
22.06	f) 20 Amp, DP MCB	48	Each	357.50	17160.00
22.07	g) 32 Amp, DP MCB	48	Each	357.50	17160.00
23.00	Supply of following ratings 'C' series, ISI marked, 10 kA, Miniature Circuit Breaker(MCB) suitable to operate in 240/415 Volt, 50 Hz, AC supply as required.				
23.01	a) 2 Amp, SP MCB	24	Each	125.00	3000.00
23.02	b) 6 Amp, SP MCB	48	Each	107.00	5136.00
23.03	c) 16 Amp, SP MCB	48	Each	107.00	5136.00
23.04	d) 20 Amp, SP MCB	60	Each	107.00	6420.00
23.05	e) 32 Amp, SP MCB	48	Each	107.00	5136.00
23.06	f) 20 Amp, DP MCB	36	Each	356.56	12836.16
23.07	g) 32 Amp, DP MCB	36	Each	356.56	12836.16
23.08	h) 40 Amp, DP MCB	36	Each	326.25	11745.00
23.09	i) 63 Amp, DP MCB	24	Each	597.00	14328.00
23.10	j) 32 Amp, TP MCB	24	Each	573.00	13752.00
23.11	k) 63 Amp, TP MCB	24	Each	886.00	21264.00
23.12	l) 40 Amp, FP MCB	24	Each	1088.00	26112.00
23.13	m) 63 Amp, FP MCB	24	Each	1125.00	27000.00
24.00	Supply of 100 Amp, Four pole Isolator, ISI marked, suitable to operate in 415 Volt, 50 Hz, AC supply as required.	10	Each	640.00	6400.00
25.00	Supply of Aluminium In Line Connectors suitable for the following sizes of XLPE insulated Aluminium conductor cable.				
25.01	a) 16 sqmm	30	Each	1.90	57.00
25.02	b) 25 sqmm	30	Each	2.61	78.30
25.03	c) 35 sqmm	20	Each	3.33	66.60
25.04	d) 50 sqmm	20	Each	4.92	98.40
25.05	e) 95 sqmm	20	Each	9.25	185.00
25.06	f) 120 sqmm (long barrel)	30	Each	12.55	376.50
25.07	g) 185 sqmm (long barrel)	30	Each	22.00	660.00
25.08	h) 240 sqmm (long barrel)	30	Each	36.00	1080.00
25.09	i) 300 sqmm (long barrel)	30	Each	52.00	1560.00

Item no.	Description of Items	Qty	Unit	Rate (Rs.)	Amount (Rs.)
26.00	Supply of Aluminium Tubular Terminals suitable for the following sizes of XLPE insulated Aluminium conductor cable.				
26.01	a) 16 Sqmm	50	Each	2.50	125.00
26.02	b) 25 sqmm	50	Each	3.23	161.50
26.03	c) 35 sqmm	30	Each	4.26	127.80
26.04	d) 50 Sqmm	30	Each	6.33	189.90
26.05	e) 70 sqmm	30	Each	9.32	279.60
26.06	f) 95 sqmm	30	Each	10.55	316.50
26.07	g) 120 Sqmm	20	Each	14.64	292.80
26.08	h) 150 Sqmm	20	Each	18.94	378.80
26.09	i) 185 Sqmm	20	Each	23.82	476.40
26.10	j) 240 Sqmm	10	Each	41.00	410.00
27.00	Supply of Heavy duty Copper Reducer Terminals suitable for the following sizes of XLPE insulated Copper conductors cable.				
27.01	a) 6 Sqmm	20	Each	11.00	220.00
27.02	b) 10 Sqmm	20	Each	16.00	320.00
27.03	c) 16 Sqmm	20	Each	27.00	540.00
27.04	d) 25 sqmm	20	Each	30.00	600.00
28.00	Supply of Heavy duty Copper Tubular Terminals suitable to the following sizes of XLPE insulated Copper conductors cable.				
28.01	a) 6 Sqmm	20	Each	4.11	82.20
28.02	b) 10 Sqmm	20	Each	5.19	103.80
28.03	c) 16 Sqmm	20	Each	6.92	138.40
28.04	d) 25 sqmm	20	Each	12.00	240.00
29.00	Supply of following sizes Flame retardant Low smoke (FRLS) PVC insulated single core unsheathed industrial (multistrand) flexible cable of copper conductor suitable for voltage grade of 1100 volts, conforming to IS:694 as required.				
29.01	a) 1.5 Sq.mm	900	Meter	16.00	14400.00
29.02	b) 2.5 Sq.mm	450	Meter	25.00	11250.00
29.03	c) 4.0 Sq.mm	180	Meter	35.00	6300.00
29.04	d) 16.0 Sq.mm	100	Meter	155.00	15500.00
30.00	Supply of following sizes Three core Flat Cables for Submersible Pump Motors PVC/XLPE insulated and PVC sheathed, copper conductor (flexible) industrial cable for voltage grade 1100 Volts, conforming to IS:694 as required..				
30.01	(a) 4 sq.mm	200	Meter	123.00	24600.00
30.02	(b) 6 Sq.mm	200	Meter	182.00	36400.00

Item no.	Description of Items	Qty	Unit	Rate (Rs.)	Amount (Rs.)
31.00	Supply of following sizes Flame retardant Low smoke (FRLS) Three core PVC insulated, PVC sheathed copper conductor (flexible) industrial cable for voltage grade 1100 Volts, conforming to IS:694 as required..				
31.01	(a) 1.5 sq.mm	900	Meter	52.84	47556.00
31.02	(b) 2.5 Sq.mm	500	Meter	85.00	42500.00
31.03	(c) 4.0 Sq.mm	200	Meter	131.00	26200.00
32.00	Supply of following sizes Flame retardant Low smoke (FRLS) Four core PVC insulated, round sheathed copper conductor (flexible) industrial cable for voltage grade 1100 Volts, conforming to IS:694 as required.				
32.01	(a) 4.0 Sq.mm	200	Meter	171.00	34200.00
32.02	(b) 6.0 Sq.mm	200	Meter	256.00	51200.00
32.03	(c) 10.0 Sq.mm	100	Meter	431.00	43100.00
33.00	Supply of following sizes of ISI marked, XLPE insulated & PVC sheathed, armoured aluminium conductor cable of 1.1KV grade as per IS 7098-1988 Part1 with upto date amendments complete as required.				
33.01	a) 4C x 6 sqmm	200	Meter	95.00	19000.00
33.02	b) 4C x 16 sqmm	200	Meter	128.00	25600.00
34.00	Supply of 3 Phase Digital Voltmeter, Flush mounted type of size 96 x 96mm, having inbuilt selector switch for 3 phases, display of parameters of Voltage in the range of 50 - 520 VAC (P-P) with accuracy class of 1.0, suitable to operate in Aux supply 80-300 VAC/DC and programmable PT at site (L&T make Cat no.WL1320100000 or its equivalent from list of approved makes)	5	Each	988.00	4940.00
35.00	Supply of 3 Phase Digital Ammeter, Flush mounted type of size 96 x 96mm, having inbuilt selector switch for 3 phases, display of parameters of Current, with accuracy class of 1.0, suitable to operate in Aux supply 80-300 VAC/DC and programmable CT at site of 1A/5A complete (L&T make Cat no.WL1310100000 or its equivalent from list of approved makes)	5	Each	988.00	4940.00
36.00	Supply of 3 Phase Digital KWH meter with RS485, Flush mounted type of size 96 x 96mm for measuring the 3phase energy consumption with accuracy class of 1.0, suitable to operate in Aux supply 80-300 VAC/DC and programmable CT/PT set of 1A/5A complete (L&T make Cat no.WC4000110000 or its equivalent from list of approved makes)	20	Each	2491.00	49820.00
37.00	Supply of 3 Phase Digital Multifunction meter with RS485, Flush mounted type of size 96 x 96mm for measuring the 3phase multi parameters of Voltage, Amperes, Frequency, Power Factor, KW, KVA, KWh, KVAh etc., with accuracy class of 1.0, suitable to operate in Aux supply 80-300 VAC/DC and programmable CT/PT set of 1A/5A complete (L&T make Cat no.WL4405110000 or its equivalent from list of approved makes)	20	Each	4430.00	88600.00
38.00	Supply of 500ml CRC bottle for maintenance of panel and switch board.	20	Each	225.00	4500.00

Item no.	Description of Items	Qty	Unit	Rate (Rs.)	Amount (Rs.)
39.00	Supplying of straight through heat shrinkable cable jointing kit for following size of XLPE insulated and PVC sheathed aluminium conductor cable of 1.1 KV grade including ferrules and other jointing materials etc. as required				
39.01	a) 3½ X 35 sq. mm	2	Each	1632.31	3264.62
39.02	b) 3½ X 70 sq. mm	2	Each	2356.00	4712.00
39.03	c) 3½ X 95 sq. mm	2	Each	2356.00	4712.00
39.04	d) 3½ X 120 sq. mm	2	Each	3191.00	6382.00
39.05	e) 3½ X 150 sq. mm	2	Each	3191.00	6382.00
39.06	f) 3½ X 185 sq. mm	2	Each	3191.00	6382.00
39.07	g) 3½ X 240 sq. mm	2	Each	3500.00	7000.00
39.08	h) 3½ X 300 sq. mm	2	Each	4200.00	8400.00
39.09	i) 3½ X 400 sq. mm	2	Each	5725.00	11450.00
39.10	j) 4 X 16 sq. mm	2	Each	1375.00	2750.00
40.00	Supplying of straight through heat shrinkable cable jointing kit for following sizes of XLPE aluminium conductor cable of 11 KV grade complete with all accessories including ferrules etc. as required.				
40.01	a) 3 X 120 sq. mm	5	Each	9012.00	45060.00
40.02	b) 3 X 185 sq. mm	2	Each	9012.00	18024.00
41.00	Supplying of straight through heat shrinkable cable jointing kit for following sizes of XLPE aluminium conductor cable of 33 KV grade complete with all accessories including ferrules etc. as required.				
41.01	a) 3 X 185 sq. mm	1	Each	36250.00	36250.00
41.02	b) 3 X 300 sq. mm	2	Each	26250.00	52500.00
42.00	Supplying of end termination kit (Indoor type) for following sizes of XLPE aluminium conductor cable of 11 KV grade complete with all accessories including ferrules etc. as required.				
42.01	a) 3 X 120 sq. mm	2	Each	4032.00	8064.00
42.02	b) 3 X 185 sq. mm	2	Each	4032.00	8064.00
43.00	Supplying of end termination kit for following sizes of XLPE aluminium conductor cable of 33 KV grade complete with all accessories including ferrules etc. as required.				
43.01	a) 3 X 185 sq. mm (indoor type)	2	Each	10358.00	20716.00
43.02	b) 3 X 185 sq. mm (outdoor type)	2	Each	11515.00	23030.00
43.03	c) 3 X 300 sq. mm (outdoor type)	2	Each	15241.00	30482.00
44.00	Supply of following MCCB with terminal-Magnetic Release having Ics=100% Icu, with over load setting: 0.8-1.0 x In with breaking capacity of following ratings.				
44.01	a) 63A, TP MCCB , 16kA	6	Each	1917.00	11502.00
44.02	b) 63A, FP MCCB , 16kA	5	Each	2386.00	11930.00
44.03	c) 125A, TP MCCB , 25kA	9	Each	3163.00	28467.00

Item no.	Description of Items	Qty	Unit	Rate (Rs.)	Amount (Rs.)
44.04	d) 125A, FP MCCB , 25kA	7	Each	4211.00	29477.00
45.00	Supply of Finned Strip space Heaters of 500 Watt capacity of 228mm length, width 65mm and thickness of 35mm complying to IS 3724 suitable to operate on 230 Volts, 50Hz, AC supply (Make GIRISHEGO Model No. SERF- 9 or its equivalent)	100	Each	362.00	36200.00
46.00	Supply of space Heaters of 200 Watt capacity of 275mm length, having stainless steel shreated cartridge heating elements in perforated sheet metal enclosure and porcelain terminal block is provided for electrical connection suitable to operate on 230 Volts, 50Hz, AC supply (Make GIRISHEGO Model No. SH/020/275 CE or its equivalent)	30	Each	306.00	9180.00
47.00	Supply of 2.5 microfarad ceiling fan type capacitor suitable to operate on 230 volt, 50Hz, AC supply as required.	80	Each	17.50	1400.00
48.00	Supply of 25Amps, 3 Pole Power Contactors along with Side mounting 1NO and 1 NC Auxiliary contacts Blocks suitable for operation on 440 V, 50 HZ, 3 phase AC supply etc. as required. (Make L&T MNX25 Cat No. CS94110 or its equivalent from list of approved makes)	15	Each	1035.00	15525.00
49.00	Supply of 40Amps 3 Pole Power Contactors along with Side mounting 1NO and 1 NC Auxiliary contacts Blocks suitable for operation on 440 V, 50 HZ, 3 phase AC supply etc. as required. (Make L&T MNX40 Cat No. CS94190 or its equivalent from list of approved makes)	10	Each	3576.00	35760.00
50.00	Supply of Astronomical Time Switch for automatic switching of High Mast & Street Lights complete as required. (Make L&T Cat No. AUTS02AST00 or its equivalent from list of approved makes)	10	Each	3258.00	32580.00
51.00	Supply of following ratings, 4 Pole motorised automatic transfer switch along with controller with wire harness and protections suitable for operation on 440V, 50Hz, AC supply				
51.01	a) 100A (Open execution)	1	Each	42000.00	42000.00
51.02	b) 160A (Open execution)	1	Each	46375.00	46375.00
51.03	c) 100A (In sheet steel enclosure) with Auto Mains Failure (AMF) facility	1	Each	54437.00	54437.00
52.00	Supply of MOV based Surge Protection module having I _{max} =40kA, I _n =20kA, U _c 5000V, U _p =21kV and T _s =25ns for CCR output	12	Each	8090.00	97080.00
53.00	Supply of following sizes of PVC MCB enclosures complete with din rail				
53.01	a) 2 Module	30	Each	125.00	3750.00
53.02	b) 4 Module	25	Each	150.00	3750.00
54.00	Supply of Electrical panel door lock (Stainless steel) suitable for installation on existing panels and for 20mm dia nominal hole size	200	Each	187.00	37400.00
55.00	Supply of Giant Indian National flag of size 20'x 30' in 100% knitted polyester with reinforced super-strong nylon webbing on all 3 sides & eye lets and Flag shall confirm to the Flag code of India, 2002.	3	Each	31250.00	93750.00

Item no.	Description of Items	Qty	Unit	Rate (Rs.)	Amount (Rs.)
56.00	Supply of Heavy duty Power factor correction capacitors of following rating suitable to operate in 3Ph, 415V, 50Hz AC supply with voltage rated of 440V, over current withstand capability of 1.8times rated current confirming to IS:13340-1993, IS:13341:1992 etc., as required.				
56.01	a) 25 kVAr (Box type)	3	Each	7750.00	23250.00
56.02	b) 10 kVAr (Box type)	3	Each	3125.00	9375.00
56.03	c) 5 kVAr (Box type)	3	Each	1562.00	4686.00
57.00	Supply of constant current LED driver (Make: Bajaj, cat no : BGD 36 240 5Y) compatable for existing 90W Bajaj make LED street light fitting of model /cat. No. BRTFG 44 LED 90W and suitable for operation on 230V, 1Ph, 50Hz AC supply as required.	10	Each	625.00	6250.00
58.00	Supply of constant current LED driver (Make: Bajaj, cat no : BGD 66 210 5Y) compatable for existing 150 W 'DURANTO' highbay luminaire light fitting of model /cat. No. BGHB 150W LED and suitable for operation on 230V, 1Ph, 50Hz AC supply as required.	10	Each	2125.00	21250.00
59.00	Supply of constant current LED driver (Make: Bajaj, cat no : BGD 36 10 OI) compatable for existing 36 W Recess mounted 2x2 luminaire LED light fitting of model /cat. No. BZRSQL 36W GZ WH and suitable for operation on 230V, 1Ph, 50Hz AC supply as required.	10	Each	625.00	6250.00
60.00	Supply of constant current LED driver (Make: Bajaj, cat no : BGD 36 05 OI) compatable for existing 18W Bajaj make Surface mounted 1x1 LED luminaire LED light fitting of model /cat. No. BZRSQL 18W WH and suitable for operation on 230V, 1Ph, 50Hz AC supply as required.	10	Each	437.00	4370.00
61.00	Supply of constant current LED driver (Make: Bajaj, cat no : BGD 50 035) compatable for existing 18W Bajaj make Recess mounted downlighter LED light fitting of model /cat. No. BZSLH 18W WH and suitable for operation on 230V, 1Ph, 50Hz AC supply as required.	10	Each	437.00	4370.00
62.00	Supply of constant current LED driver (Make: Bajaj, cat no : BGD 36 035) compatable for existing 12W Bajaj make Recess mounted downlighter LED light fitting of model /cat. No. BZSLH 12W WH and suitable for operation on 230V, 1Ph, 50Hz AC supply as required.	10	Each	437.00	4370.00
63.00	Supply of transformer oil conforming to IS 335:1993 with update amendments in a sealed drums as intended to use as coolant in the transformers including submission of test report as required	840	Litre	187.00	157080.00
64.00	Supply of Silica gel suitable for power transformers Breathers	30	Kg	375.00	11250.00
65.00	Supply of EPDM / Rubber gasket of 3-5mm suitable for installation on existing panel doors	200	Mtr	13.00	2600.00
66.00	Supply of heavy duty Cast Iron/Galvanised iron Earth Pit Cover of size 300mm x 300mm with frame.	25	Each	437.00	10925.00
67.00	Supply of followings ratio of indoor resin cast ring type low tension current transformers of burden 15VA, Accuracy class 1.0.				
67.01	a) 400/5A CT's (Set of 3 Nos)	5	Set	2625.00	13125.00
67.02	b) 250/5A CT's (Set of 3 Nos)	10	Set	2812.00	28120.00
67.03	c) 100/5A CT's (Set of 3 Nos)	10	Set	4425.00	44250.00

Item no.	Description of Items	Qty	Unit	Rate (Rs.)	Amount (Rs.)
68.00	Supply of 33KV Complete Pole Assembly (single pole) compatable for installation on existing 33 KV VCB of Kirloskar Electric Company Ltd make & Type VRK 36-3 complete with factory fitted vaccum interruptor, arm contacts all internal and external accessories etc complete for operation on 33 KV, 3 Phase, 50Hz A.C. supply	2	Each	87500.00	175000.00
69.00	Supply of Cast resin moulded Dual core Current Transformer (Make : PRAGATI ELECTRIALS PVT LTD) suitable for 33KV HT VCB Panel (Make : Kirloskar Electric Company Ltd, Type : S36 VCB) and for operation on 33 KV, 3 Phase, 50Hz A.C. supply of following specifications (Set of 3 nos) (a) Ratio : 100/1 (Core 1), 100/1 (Core 2) (b) VA : 15 (Core 1), 15 (Core 2) (c) S Term : 1S1-1S2, 2S1-2S2 (d) Class 1.0, 5P10 (e) Type (Des) : 33E (f) Model : A1720-1 (g) Type : Wound (h) IL : 36/70/170 KVp (i) HSV : 36 KV (j) STC : 25 kA for 3 sec (k) Freq : 50 Hz (l) Insulation Class : B (m) Standard : IS : 2705/1992	1	Set	28125.00	28125.00
70.00	Supply of Cast resin moulded Earthed type Potential Transformer (Make : PRAGATI ELECTRICALS PVT LTD) suitable for 33KV HT VCB Panel (Make : Kirloskar Electric Company Ltd, Type : S36 VCB) and for operation on 33 KV, 3 Phase, 50Hz A.C. supply of following specifications (Set of 3 nos) (a) Type : Earthed (b) Pri (Volts) : 33000/V3 (c) Winding : Sec1 (d) Volts : 110/V3 (e) VA/PH : 200 (f) Model : A1720-3 (g) Class : 1.0 (h) IL : 36/70/170 KVp (i) V.F : 1.2 Cont & 1.9 for 8 hrs (j) Freq : 50 Hz (k) Phase : 1 (l) Insulation Class : B (m) Standard : IS : 3156/1992	1	Set	26250.00	26250.00
71.00	Supply of 110V DC Closing Coil suitable for 630A, 33KV Vacuum Circuit Breaker of Kirloskar Electric Company Ltd make & Type VRK 36-3	4	Each	1000.00	4000.00
72.00	Supply of 110V DC Tripping Coil suitable for 630A, 33KV Vacuum Circuit Breaker of Kirloskar Electric Company Ltd make & Type VRK 36-3	4	Each	1000.00	4000.00

Item no.	Description of Items	Qty	Unit	Rate (Rs.)	Amount (Rs.)
73.00	Supply of Push Button Assembly (Set of ON & OFF Push Buttons) suitable for 630A, 33KV Vacuum Circuit Breaker of Kirloskar Electric Company Ltd make & Type VRK 36-3	4	Set	875.00	3500.00
74.00	Supply of 230V AC Spring Charging Motor suitable for 630A, 33KV Vacuum Circuit Breaker of Kirloskar Electric Company Ltd make & Type VRK 36-3	1	Each	15000.00	15000.00
75.00	Supply of Cast resin moulded Dual core Current Transformer (Make : KAPPA ELECTRICALS) suitable for 11KV HT VCB Panel of Kirloskar Electric Company Ltd make & Type : A12650 VCB and operation on 11 KV, 3 Phase, 50Hz A.C. supply of following specifications (Set of 3 nos) (a) Core 1 : Metering, IS1-IS2 : 100/1 A, 15VA / 1 (b) Core2 : Protection, 2S1-2S2 : 100/1 A, 15VA/5P10 (c) Type ref : CW 370 (d) HSV : 12 KV (e) ILV : 28/75 KV (f) STR : 25 kA for 1 sec (g) Freq : 50 Hz (h) Standard : IS : 2705/1992	1	Set	15000.00	15000.00
76.00	Supply of Cast resin moulded Potential Transformer (Make : KAPPA ELECTRICALS) suitable for 11KV HT VCB Panel of Kirloskar Electric Company Ltd make & Type : A12650 VCB and operation on 11 KV, 3 Phase, 50Hz A.C. supply of following specifications (Set of 3 nos) (a) Type : VEC-213-07 (b) Ratio : 11kV/RT3/110V/RT3 (c) HSV : 12 KV (d) Burden : 100 VA (e) Class : 1.0 (f) ILV : 28/75 KV (g) V.F : 1.2 Cont & 1.5 for 30 sec (h) Freq : 50 Hz (i) Phase : 1 (j) Standard : IS : 3156/1992	1	Set	12500.00	12500.00
77.00	Supply of 110V DC Closing Coil for 1250A, 11KV Vacuum Circuit Breaker of Kirloskar Electric Company Ltd make & Type C-500	5	Each	1000.00	5000.00
78.00	Supply of 24V DC Closing Coil for 630A, 11KV Vacuum Circuit Breaker of Kirloskar Electric Company Ltd make & Type C-500	2	Each	1000.00	2000.00
79.00	Supply of 110V DC Tripping Coil for 1250A, 11KV Vacuum Circuit Breaker of Kirloskar Electric Company Ltd make & Type C-500	5	Each	1000.00	5000.00
80.00	Supply of 24V DC Tripping Coil for 630A, 11KV Vacuum Circuit Breaker of Kirloskar Electric Company Ltd make & Type C-500	2	Each	1000.00	2000.00
81.00	Supply of Push Button Assembly (Set of ON & OFF Push Buttons) for 1250A, 11KV Vacuum Circuit Breaker of Kirloskar Electric Company Ltd make & Type C-500	5	Set	875.00	4375.00

Item no.	Description of Items	Qty	Unit	Rate (Rs.)	Amount (Rs.)
82.00	Supply of 230V AC Spring Charging Motor for 1250A, 11KV Vacuum Circuit Breaker of Kirloskar Electric Company Ltd make & Type C-500	1	Each	16000.00	16000.00
83.00	Supply of 2 Amps, 80KA HRC Fuse Link of offset staggered fixing method, HG type suitable to operate on 415 volts, 50 Hz, AC supply etc., complete as required (Make : L & T, Cat No. ST30725 or or its equivalent from list of approved makes)	10	Each	57.00	570.00
84.00	Supply of 12 stage APFC relay with CT secondary 1 A / 5 A (Site selectable) & Measurement of individual Current and Voltage harmonic (THD) up to 15th Order, Capacitor failure indication, Suitable for LT as well as HT side sensing, Communicable on Modbus through RS485 Plug-in Module etc suitable for operation on 415V, 3Ph, 50Hz AC supply as required. (Make : L & T, Cat No. ETACONM008R+ETACONEXP2R+ETACONEXP2R or its equivalent)	1	Each	17292.00	17292.00
85.00	Supply of Numerical Overcurrent protection relay with 3 O/C and 1 E/F consisting of Input Module, Power Supply and Output Relay module, Measuring Module and Front Fascia (Make : Easun Reyrolle, Model no-MIT 114)	1	Each	15625.00	15625.00
86.00	Supply of following type of selector switches				
86.01	a) Ammeter selector switch (Make : Kaycee, Type : SRP136MA60 or its equivalent as per list of approved makes)	15	Each	187.00	2805.00
86.02	b) Ammeter selector switch (Make : Kaycee, Type : 4S39AP (10Amp) or its equivalent as per list of approved makes)	15	Each	187.00	2805.00
86.03	c) Voltmeter selector switch (Make : Kaycee, Type : SRP135VS or its equivalent as per list of approved makes)	15	Each	187.00	2805.00
86.04	d) Voltmeter selector switch (Make : Kaycee, Type : 3S39VP (10Amp) or its equivalent as per list of approved makes)	15	Each	187.00	2805.00
86.05	e) Trip-Neutral-Close switch (Make : Kaycee, Product code : BCD01P006K154 or its equivalent as per list of approved makes)	15	Each	15000.00	225000.00
87.00	Supply of panel mounting flush head spring return boot push buttons actuator with NO/NC contact blocks suitable to operate on 230V, 50Hz, AC supply as required.				
87.01	a) Red	15	Each	137.00	2055.00
87.02	b) Green	15	Each	137.00	2055.00
87.03	c) Black	15	Each	137.00	2055.00
87.04	d) Yellow	15	Each	137.00	2055.00
88.00	Supplying of following rating Industrial type plugs and socket outlet in sheet steel enclosure with suitable MCB cutout and suitable for unversable mounting				
88.01	a) 20A, 230V, 2P + E pin plug & socket	5	Each	548.00	2740.00
88.02	b) 30A, 440V, 3P + E Pin plug & socket	5	Each	1686.00	8430.00
89.00	Supply of following rating Industrial type Plugs suitable for connections to Industrial type metal clad socket.				
89.01	a) 20A, 230V, 2P + E pin plug	5	Each	88.00	440.00
89.02	b) 30A, 440V, 3P + E pin plug	5	Each	218.00	1090.00

Item no.	Description of Items	Qty	Unit	Rate (Rs.)	Amount (Rs.)
90.00	Supply of HT HRC fuse of 3.15 Amps rating suitable for HT Potential Transformers of following voltage ratings				
90.01	a) 11KV	6	Each	1000.00	6000.00
90.02	b) 33KV	6	Each	1000.00	6000.00

Total Rs. (excl. GST) 28,97,167.54

(Rupees Twenty Eight Lakh Ninety Seven Thousand One Hundred Sixty Seven and Fifty Four Paisa Only excluding GST)

Note : Applicable GST shall be paid extra on production of valid tax invoice.

R. Ghosal
- 26/3/2024

Dy. General Manager (Engg-Elect)

AAI,LGBI Airport, Guwahati