

Justification Statement

Name of Work: ARMO 2020-21 SH: Supply of Electrical Maintenance Materials for NATS, NITB & OTB at Mangaluru International Airport.

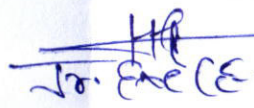
S.No.	Description	Qty	Unit	Rate excl. GST	Amount
1	Supply of ISI marked 36W 4 feet T8 conventional flourscent lamp cool daylight suitable for use with 230 Volts 50 Hz (Make: Crompton, Model No: FTL 36 Super Saver) or equivalent as per list of approved makes.	100	Each	38.00	3800.00
2	Supply of ISI marked 14W 2 feet T5 lamp suitable for G5 basecap cool daylight suitable for use with 230 Volts 50 Hz (Make: Crompton, Model No: Energylux 14W T5) or equivalent as per list of approved makes.	30	Each	92.00	2760.00
3	Supply of ISI marked 28W 4 feet T5 lamp suitable for G5 basecap cool daylight suitable for use with 230 Volts 50 Hz (Make: Crompton, Model No: Energylux 28W T5) or equivalent as per list of approved makes.	55	Each	100.00	5500.00
4	Supply of 14W cool day light LED bulb with B22 base suitable for use with 230 Volts 50 Hz complete as required as per list of approved makes.	120	Each	264.00	31680.00
5	Supply of ISI marked 1.5 Sqmm PVC insulated single core unsheathed industrial, multistrand bare copper conductor FRLSH flexible cables of 1.1 KV grade confirming to IS 694 amendments upto date complete as required as per list of approved makes - Red colour (90 meter coil)	450	Metre	17.00	7650.00
6	Supply of ISI marked 1.5 Sqmm PVC insulated single core unsheathed industrial, multistrand bare copper conductor FRLSH flexible cables of 1.1 KV grade confirming to IS 694 amendments upto date complete as required as per list of approved makes - Yellow colour (90 meter coil)	450	Metre	17.00	7650.00
7	Supply of ISI marked 1.5 Sqmm PVC insulated single core unsheathed industrial multistrand bare copper conductor FRLSH flexible cables of 1.1 KV grade confirming to IS 694 amendments upto date complete as required as per list of approved makes - Blue colour (90 meter coil)	450	Metre	17.00	7650.00


J. E. E. (E. E.) 13/8/2020

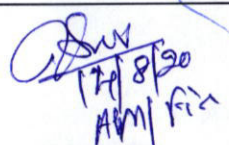

W. A. P. no.
Danner


A. M. P.
A. M. P.

S.No.	Description	Qty	Unit	Rate excl. GST	Amount
8	Supply of ISI marked 1.5 Sqmm PVC insulated single core unsheathed industrial multistrand bare copper conductor FRLSH flexible cables of 1.1 KV grade confirming to IS 694 amendments upto date complete as required as per list of approved makes - Black colour (90 meter coil)	270	Metre	17.00	4590.00
9	Supply of ISI marked 2.5 Sqmm PVC insulated single core unsheathed industrial multistrand bare copper conductor FRLSH flexible cables of 1.1 KV grade confirming to IS 694 amendments upto date complete as required as per list of approved makes - Red colour (90 meter coil)	270	Metre	27.00	7290.00
10	Supply of ISI marked 2.5 Sqmm PVC insulated single core unsheathed industrial multistrand bare copper conductor FRLSH flexible cables of 1.1 KV grade confirming to IS 694 amendments upto date complete as required as per list of approved makes - Yellow colour (90 meter coil)	270	Metre	27.00	7290.00
11	Supply of ISI marked 2.5 Sqmm PVC insulated single core unsheathed industrial multistrand bare copper conductor FRLSH flexible cables of 1.1 KV grade confirming to IS 694 amendments upto date complete as required as per list of approved makes - Blue colour (90 meter coil)	270	Metre	27.00	7290.00
12	Supply of ISI marked 2.5 Sqmm PVC insulated single core unsheathed industrial, multistrand bare copper conductor FRLSH flexible cables of 1.1 KV grade confirming to IS 694 amendments upto date complete as required as per list of approved makes - Black colour (90 meter coil)	270	Metre	27.00	7290.00
13	Supply of ISI marked 3C x 4 Sq.mm PVC insulated & FR PVC round sheathed copper flexible industrial cable of 1100V grade confirming to IS 694 amendments upto date etc complete as required.	100	Metre	112.00	11200.00
14	Supply of ISI marked 6 Amps Piano type One Way switch suitable to use with 230V 50 Hz supply as required as per list of approved makes.	70	Each	14.00	980.00
15	Supply of ISI marked 6 Amps 3 pin piano type socket outlet suitable to use with 230V 50 Hz supply as required as per list of approved makes.	40	Each	25.00	1000.00
16	Supply of ISI marked 6 Amps, 3 Pin Plug Top suitable to use with 230V 50 Hz supply as required as per list of approved makes.	25	Each	53.00	1325.00

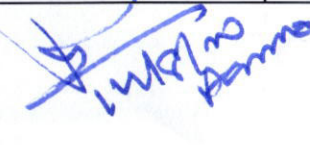


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 J. E. E. C. E.

S.No.	Description	Qty	Unit	Rate excl. GST	Amount
17	Supply of ISI marked 15/20Amps Piano type One Way switch with two fixing holes suitable to use with 230V 50 Hz supply as required as per list of approved makes.	40	Each	67.00	2680.00
18	Supply of ISI marked 16 Amps, 3 pin piano type power socket suitable to use with 230V 50 Hz supply as required as per list of approved makes.	25	Each	67.00	1675.00
19	Supply of ISI marked 16 Amps, 3 pin Plug Top suitable to use with 230V 50 Hz supply as required as per list of approved makes.	25	Each	69.00	1725.00
20	Supply of ISI marked modular type one way switch 6 Amps (Make: Honeywell MK, Item code: CW501WHI) or equivalent as per list of approved make.	20	Each	102.00	2040.00
21	Supply of ISI marked modular type one way socket 6 Amps (Make: Honeywell MK, Item code: CW420WHI) or equivalent as per list of approved make.	20	Each	164.00	3280.00
22	Supply of ISI marked modular type one way switch 16 Amps (Make: Honeywell MK, Item code: CW411WHI) or equivalent as per list of approved make.	10	Each	166.00	1660.00
23	Supply of ISI marked modular type one way socket 6/16Amps (Make: Honeywell MK, Item code: CW424WHI) or equivalent as per list of approved make.	10	Each	256.00	2560.00
24	Supply of ISI marked single pole MCB, 16 Amps, 230V, C series, breaking capacity of 10kA as per list of approved makes.	45	Each	181.00	8145.00
25	Supply of ISI marked single pole MCB, C series, 32 Amps, 230V, breaking capacity of 10kA as per list of approved makes.	25	Each	181.00	4525.00
26	Supply of ISI marked double pole MCB, C series, 63 Amps, 230/415V, breaking capacity of 10kA as per list of approved makes.	10	Each	912.00	9120.00
27	Supply of ISI marked four pole MCB, C series, 32 Amps, 415V, breaking capacity of 10kA as per list of approved makes.	10	Each	1209.00	12090.00
28	Supply of ISI marked four pole MCB, C series, 40 Amps, 415V, breaking capacity of 10kA as per list of approved makes.	25	Each	1665.00	41625.00

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S.No.	Description	Qty	Unit	Rate excl. GST	Amount
29	Supply of ISI marked four pole MCB, C series, 63 Amps, 415V, breaking capacity of 10kA as per list of approved makes.	25	Each	1744.00	43600.00
30	Supply of ISI marked RCCB two pole, 63 Amps, 230 Volts, 300mA sensitivity, breaking capacity of 10kA as per list of approved makes.	15	Each	2907.00	43605.00
31	Supply of ISI marked RCCB four pole, 25 Amps, 415 Volts, 300mA sensitivity, breaking capacity of 10kA as per list of approved makes.	5	Each	2715.00	13575.00
32	Supply of ISI marked RCCB four pole, 63Amps, 415 Volts, 300mA sensitivity, breaking capacity of 10kA as per list of approved makes.	15	Each	2979.00	44685.00
33	Supply of cylindrical type 32 Amps HRC Fuse link, rated voltage 415 V, breaking capacity 80KA,gG, having dimesions (14x51), conforms to IEC 60269-2, IS 13703 part 2 (Make: C&S) or equivalent as per list of approved makes.	10	Each	89.00	890.00
34	Supply of ISI marked DIN type 63 Amps HRC Fuse link, size 00, gG, rated voltage 415 V, breaking capacity 80KA (Make: C&S) or equivalent as per list of approved makes.	10	Each	227.00	2270.00
35	Supply of Red coloured LED type Indication Lamp dia 22.5mm with operating voltage 240V AC for panels as required as per list of approved makes.	115	Each	95.00	10925.00
36	Suppiy of Yellow coloured LED Indication Lamp dia 22.5mm with operating voltage 240V AC for panels as required as per list of approved makes.	75	Each	95.00	7125.00
37	Supply of Blue coloured LED Indication Lamp dia 22.5mm with operating voltage 240V AC for panels as required as per list of approved makes.	75	Each	95.00	7125.00
38	Supply of Green coloured LED Indication Lamp dia 22.5mm with operating voltage 240V AC for Panels as required as per list of approved makes.	85	Each	95.00	8075.00
39	Supply of Illuminated Red colour spring return push button for Panels as required as per list of approved makes.	20	Each	134.00	2680.00
40	Supply of Illuminated Green colour spring return push button for Panels as required as per list of approved makes.	20	Each	134.00	2680.00

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Jr. (E-F) 13/8/2020

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S.No.	Description	Qty	Unit	Rate excl. GST	Amount
41	Supply of 6A, 3 pole, 2 way Cam Operared Rotary Changeover switch with center off 60 deg (Make: L&T, Cat No: 61027) or equivalent as required as per list of approved makes.	20	Each	219.00	4380.00
42	Supply of 36 watt ballast suitable for recess mounted T8/T12 fluorescent tubelight fixture with all accessories complete as required (Make: Havells, Order No. LHBF27904025) or equivalent as per list of approved makes.	70	Each	222.00	15540.00
43	Supply of 2x28 watt ballast suitable for recess mounted T5 fluorescent tubelight fixture with all accessories complete as required (Make: Havells, Order No. LHBT01228033) or equivalent as per list of approved makes.	25	Each	502.00	12550.00
44	Supply of 1x28 watt ballast suitable for recess mounted T5 fluorescent tubelight fixture with all accessories complete as required (Make: Havells, Order No. LHBT03128032) or equivalent as per list of approved makes.	10	Each	347.00	3470.00
45	Supply of 1x18 watt electronic ballast suitable for 2 pin type CFL light fixture with all accessories complete as required (Make: Bajaj, Cat.Ref no. 530882 BJHF 118) or equivalent as per list of approved makes.	30	Each	183.00	5490.00
46	Supply of 2x18 watt electronic ballast suitable for 2 pin type CFL light fixture with all accessories complete as required (Make: Bajaj, Cat.Ref no. 530255 BJHFS 218) or equivalent as per list of approved makes.	35	Each	652.00	22820.00
47	Supply of 25 KVAR, 3 pole AC Capacitor duty contactor (Make: C&S, Ref. TC1-D25K11) or equivalent as per list of approved makes.	13	Each	2995.00	38935.00
48	Supply of 50 KVAR, 3 pole AC Capacitor duty contactor (Make: C&S, Ref. TC1-D50K12) or equivalent as per list of approved makes.	4	Each	8563.00	34252.00
49	Supply of 33.3 KVAR, 3 pole AC Capacitor duty contactor (Make: C&S, Ref. TC1-D33K12) or equivalent as per list of approved makes.	4	Each	6020.00	24080.00
50	Supply of ISI marked 25 KVAR, 3 phase, 440V, 50Hz Square type heavy duty NPCB impregnant capacitor (Make: EPCOS, Model: SquareCap EHDLL) series B32459L5025A11 or equivalent as per list of approved makes.	5	Each	8069.00	40345.00
51	Supply of ISI marked 50 KVAR, 3 phase, 440V, 50Hz Square type heavy duty NPCB impregnant capacitor (Make: EPCOS, Model: SquareCap EHDLL) series B32459L5050A11 or equivalent as per list of approved makes.	5	Each	16139.00	80695.00

for E&E (E-E) 13/8/2020

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S.No.	Description	Qty	Unit	Rate excl. GST	Amount
52	Supply of Ignitor for HPSV/MH Lamp suitable for use with 70/150/250/400W HPSV & MH Lamp suitable to work at 230 Volts at 50 Hz (Make: Bajaj, Product Code: 20123, BJ-IGN-SV/MH SI) or equivalent as per list of approved makes.	50	Each	469.00	23450.00
53	Supply of 70W Open Construction Integrated Electromagnetic Ballast, with enamelled copper wire, terminal block with tapping for 220/240 volts, suitable to work at 230 Volts 50 Hz suitable for use with HPSV/MH lamps (Make: Bajaj, Product Code: 169408, BJOS 70SV/MH) or equivalent as per list of approved makes.	50	Each	1111.00	55550.00
54	Supply of LED driver suitable for use with LED strips suitable to operate in 90 to 240V, 50 Hz AC input, output 12V DC, 2A with overload, overvoltage, shortcircuit protection.	20	Each	167.00	3340.00
55	Supply of EIC make digital meter having range 20A/6-40Vdc, Class 1% of FSD suitable for panels (Make: EIC, Model: DCVA) or equivalent as per list of approved makes.	1	Each	1481.00	1481.00
56	Supply of 24 HRS analogue type time switch suitable to operate at 240V, 50 Hz AC supply with one set of change over switches and with minimum 150 Hours power reserve, suitable for mounting on DIN rail (Make: L&T, Cat No.: J648B1) or equivalent as per list of approved makes.	5	Each	1878.00	9390.00
57	Supply of automatic transfer switch (ATS) with controller for rated ampere 125A, Up 440 Volts, 50Hz, four pole with enclosure comply with IS/IEC:60947-6-1 suitable for automatic and manual operation as required (Make Havells, Cat. No.: IHYFCDE125) or equivalent as per list of approved makes.	1	Each	39546.00	39546.00
58	Supply of 18 watt 4 pin (G24q) type cool day light CFL suitable to work at 230 Volts 50 Hz (Make: Wipro, Model: Smartlite) or equivalent as per list of approved makes.	20	Each	96.00	1920.00
59	Supply of Batten Holder 6A, with metal ring suitable for use with 240V, 50Hz supply white/ivory colour as per list of approved makes.	25	Each	25.00	625.00
60	Supply of G5 type tubelight holder suitable for T5 tubelight base to fix in the existing batten as required.	30	Each	8.00	240.00

Handwritten: J. Gae (E. F) 13/8/2020

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S.No.	Description	Qty	Unit	Rate excl. GST	Amount
61	Supply of metal oxide Lightning Arrestors of 9KV, 5KA porcelain type, 50Hz, BIL 75 KVP, MCOV 7.65KV, Morestor type: LMD suitable for dry type transformer as required (Make: LAMCO) or equivalent as per list of approved makes.	3	Each	543.00	1629.00
62	Supply of Thermal Overload Relays Direct Mounting trip class 10, Suitable for Contactor Rating of 40 Amps (Make: C&S, Ref. TR2-D40355) or equivalent as per list of approved makes.	4	Each	1820.00	7280.00
63	Supply of DIN type 125 Amps HRC Fuse link, size 00, 100kA, gG, HN type rated voltage 415 V, breaking capacity 100kA conforms to IEC 60269-2, IS 13703 part 2, (Make: L&T, Cat.No. SF94030) or equivalent as per list of approved makes.	4	Each	364.00	1456.00
64	Supply of single phase electronic energy meter in polycarbonate body with LCD type display in accuracy class 1.0 of rating 5-30A, 240V, 50Hz, only kWh compact meter with pilfer proof meter box with sealing screw provision complete as required suitable for residential use (Make L&T, Cat. no. WM101BC5DL0) or equivalent as per list of approved makes.	10	Each	1048.00	10480.00
65	Supply of three phase electronic energy meter in polycarbonate body with counter type display in accuracy class 1.0 of rating 10-60A, 3x240V, 50Hz with transparent box complete as required suitable for residential/commercial use (Make L&T, Cat. no. WM301BC7D10) or equivalent as per list of approved makes.	3	Each	3234.00	9702.00
	Total				841951.00
	Say				841951.00

(Rupees Eight Lakhs Forty One Thousand Nine Hundred and Fifty One Only)

GST will be paid as per actual at the time of payment on submission of GST invoice

Hemish Kumar / Sharma
Jr. Executive (Engg-E) 13/8/2020
AAI, Mangaluru Intl. Airport

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AAI, Mangaluru

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14/8
AAI, Mangaluru

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13/8/2020
Asst.Gen.Manager (Engg-E)
AAI, Mangaluru Intl. Airport

Government eProcurement System Created By: RAM MOHAN S Created Date/Time: 20-Aug-2020 12:09 PM Tender Title: ARMO 2020-21 SH- Supply of Electrical Maintenance Materials for NATS, NITB and OTB at Mangaluru International Airport. Tender ID: 2020_AAI_53542_1											
Tender Inviting Authority: Asst. Gen. Manager (Engg E), AAI Mangaluru, Airport.											
Name of Work: ARMO 2020-21 SH: Supply of Electrical Maintenance Materials for NATS, NITB & OTB at Mangaluru International Airport.											
Tender ID 2020_AAI_53542_1											
SCHEDULE OF WORK / ITEM(S)											
SI.No	Description of Work / Item(s)	No.of Qty	Units	Bafna Electric Corp(GSTN-NA)		SRI VASUKI POWER SYSTEMS PVT LTD(GSTN-NA)		guru electricals(GSTN-NA)		L1 Amount	L1 Vendor
				Rate	Amount	Rate	Amount	Rate	Amount		
1.00	Supply of ISI marked 36W 4 feet T8 conventional flourscent lamp cool daylight suitable for use with 230 Volts 50 Hz (Make: Crompton, Model No: FTL 36 Super Saver) or equivalent as per list of approved makes.	100.00	Each	39.00	3900.00	50.00	5000.00	35.00	3500.00	3500.00	guru electricals
2.00	Supply of ISI marked 14W 2 feet T5 lamp suitable for G5 basecap cool daylight suitable for use with 230 Volts 50 Hz (Make: Crompton, Model No: Energylux 14W T5) or equivalent as per list of approved makes.	30.00	Each	95.00	2850.00	125.00	3750.00	80.00	2400.00	2400.00	guru electricals
3.00	Supply of ISI marked 28W 4 feet T5 lamp suitable for G5 basecap cool daylight suitable for use with 230 Volts 50 Hz (Make: Crompton, Model No: Energylux 28W T5) or equivalent as per list of approved makes.	55.00	Each	80.00	4400.00	75.00	4125.00	85.00	4675.00	4125.00	SRI VASUKI POWER SYSTEMS PVT LTD
4.00	Supply of 14W cool day light LED bulb with B22 base suitable for use with 230 Volts 50 Hz complete as required as per list of approved makes.	120.00	Each	175.00	21000.00	275.00	33000.00	185.00	22200.00	21000.00	Bafna Electric Corp
5.00	Supply of ISI marked 1.5 Sqmm PVC insulated single core unsheathed industrial, multistrand bare copper conductor FRLSH flexible cables of 1.1 KV grade confirming to IS 694 amendments upto date complete as required as per list of approved makes - Red colour (90 meter coil)	450.00	Metre	12.00	5400.00	12.50	5625.00	16.00	7200.00	5400.00	Bafna Electric Corp
6.00	Supply of ISI marked 1.5 Sqmm PVC insulated single core unsheathed industrial, multistrand bare copper conductor FRLSH flexible cables of 1.1 KV grade confirming to IS 694 amendments upto date complete as required as per list of approved makes - Yellow colour (90 meter coil)	450.00	Metre	12.00	5400.00	12.50	5625.00	16.00	7200.00	5400.00	Bafna Electric Corp
7.00	Supply of ISI marked 1.5 Sqmm PVC insulated single core unsheathed industrial multistrand bare copper conductor FRLSH flexible cables of 1.1 KV grade confirming to IS 694 amendments upto date complete as required as per list of approved makes - Blue colour (90 meter coil)	450.00	Metre	12.00	5400.00	12.50	5625.00	16.00	7200.00	5400.00	Bafna Electric Corp
8.00	Supply of ISI marked 1.5 Sqmm PVC insulated single core unsheathed industrial multistrand bare copper conductor FRLSH flexible cables of 1.1 KV grade confirming to IS 694 amendments upto date complete as required as per list of approved makes - Black colour (90 meter coil)	270.00	Metre	12.00	3240.00	12.50	3375.00	16.00	4320.00	3240.00	Bafna Electric Corp

SI.No	Description of Work / Item(s)	No.of Qty	Units	Bafna Electric Corp(GSTN-NA)		SRI VASUKI POWER SYSTEMS PVT LTD(GSTN-NA)		guru electricals(GSTN-NA)		L1 Amount	L1 Vendor
				Rate	Amount	Rate	Amount	Rate	Amount		
9.00	Supply of ISI marked 2.5 Sqmm PVC insulated single core unsheathed industrial multistrand bare copper conductor FRLSH flexible cables of 1.1 KV grade confirming to IS 694 amendments upto date complete as required as per list of approved makes - Red colour (90 meter coil)	270.00	Metre	18.00	4860.00	20.00	5400.00	27.00	7290.00	4860.00	Bafna Electric Corp
10.00	Supply of ISI marked 2.5 Sqmm PVC insulated single core unsheathed industrial multistrand bare copper conductor FRLSH flexible cables of 1.1 KV grade confirming to IS 694 amendments upto date complete as required as per list of approved makes - Yellow colour (90 meter coil)	270.00	Metre	18.00	4860.00	20.00	5400.00	27.00	7290.00	4860.00	Bafna Electric Corp
11.00	Supply of ISI marked 2.5 Sqmm PVC insulated single core unsheathed industrial multistrand bare copper conductor FRLSH flexible cables of 1.1 KV grade confirming to IS 694 amendments upto date complete as required as per list of approved makes - Blue colour (90 meter coil)	270.00	Metre	18.00	4860.00	20.00	5400.00	27.00	7290.00	4860.00	Bafna Electric Corp
12.00	Supply of ISI marked 2.5 Sqmm PVC insulated single core unsheathed industrial, multistrand bare copper conductor FRLSH flexible cables of 1.1 KV grade confirming to IS 694 amendments upto date complete as required as per list of approved makes - Black colour (90 meter coil)	270.00	Metre	18.00	4860.00	20.00	5400.00	27.00	7290.00	4860.00	Bafna Electric Corp
13.00	Supply of ISI marked 3C x 4 Sq.mm PVC insulated & FR PVC round sheathed copper flexible industrial cable of 1100V grade confirming to IS 694 amendments upto date etc complete as required.	100.00	Metre	90.00	9000.00	95.00	9500.00	120.00	12000.00	9000.00	Bafna Electric Corp
14.00	Supply of ISI marked 6 Amps Piano type One Way switch suitable to use with 230V 50 Hz supply as required as per list of approved makes.	70.00	Each	13.00	910.00	20.00	1400.00	15.00	1050.00	910.00	Bafna Electric Corp
15.00	Supply of ISI marked 6 Amps 3 pin piano type socket outlet suitable to use with 230V 50 Hz supply as required as per list of approved makes.	40.00	Each	31.00	1240.00	35.00	1400.00	30.00	1200.00	1200.00	guru electricals
16.00	Supply of ISI marked 6 Amps, 3 Pin Plug Top suitable to use with 230V 50 Hz supply as required as per list of approved makes.	25.00	Each	46.00	1150.00	25.00	625.00	55.00	1375.00	625.00	SRI VASUKI POWER SYSTEMS PVT LTD
17.00	Supply of ISI marked 15/20Amps Piano type One Way switch with two fixing holes suitable to use with 230V 50 Hz supply as required as per list of approved makes.	40.00	Each	66.00	2640.00	40.00	1600.00	70.00	2800.00	1600.00	SRI VASUKI POWER SYSTEMS PVT LTD
18.00	Supply of ISI marked 16 Amps, 3 pin piano type power socket suitable to use with 230V 50 Hz supply as required as per list of approved makes.	25.00	Each	71.00	1775.00	60.00	1500.00	70.00	1750.00	1500.00	SRI VASUKI POWER SYSTEMS PVT LTD
19.00	Supply of ISI marked 16 Amps, 3 pin Plug Top suitable to use with 230V 50 Hz supply as required as per list of approved makes.	25.00	Each	62.00	1550.00	40.00	1000.00	75.00	1875.00	1000.00	SRI VASUKI POWER SYSTEMS PVT LTD

Sl.No	Description of Work / Item(s)	No.of Qty	Units	Bafna Electric Corp(GSTN-NA)		SRI VASUKI POWER SYSTEMS PVT LTD(GSTN-NA)		guru electricals(GSTN-NA)		L1 Amount	L1 Vendor
				Rate	Amount	Rate	Amount	Rate	Amount		
20.00	Supply of ISI marked modular type one way switch 6 Amps (Make: Honeywell MK, Item code: CW501WHI) or equivalent as per list of apporved make.	20.00	Each	67.00	1340.00	80.00	1600.00	100.00	2000.00	1340.00	Bafna Electric Corp
21.00	Supply of ISI marked modular type one way socket 6 Amps (Make: Honeywell MK, Item code: CW420WHI) or equivalent as per list of apporved make.	20.00	Each	108.00	2160.00	140.00	2800.00	160.00	3200.00	2160.00	Bafna Electric Corp
22.00	Supply of ISI marked modular type one way switch 16 Amps (Make: Honeywell MK, Item code: CW411WHI) or equivalent as per list of apporved make.	10.00	Each	110.00	1100.00	130.00	1300.00	160.00	1600.00	1100.00	Bafna Electric Corp
23.00	Supply of ISI marked modular type one way socket 6/16Amps (Make: Honeywell MK, Item code: CW424WHI) or equivalent as per list of apporved make.	10.00	Each	169.00	1690.00	225.00	2250.00	250.00	2500.00	1690.00	Bafna Electric Corp
24.00	Supply of ISI marked single pole MCB, 16 Amps, 230V, C series, breaking capacity of 10kA as per list of approved makes.	45.00	Each	109.00	4905.00	150.00	6750.00	110.00	4950.00	4905.00	Bafna Electric Corp
25.00	Supply of ISI marked single pole MCB, C series, 32 Amps, 230V, breaking capacity of 10kA as per list of approved makes.	25.00	Each	109.00	2725.00	150.00	3750.00	110.00	2750.00	2725.00	Bafna Electric Corp
26.00	Supply of ISI marked double pole MCB, C series, 63 Amps, 230/415V, breaking capacity of 10kA as per list of approved makes.	10.00	Each	615.00	6150.00	720.00	7200.00	592.00	5920.00	5920.00	guru electricals
27.00	Supply of ISI marked four pole MCB, C series, 32 Amps, 415V, breaking capacity of 10kA as per list of approved makes.	10.00	Each	803.00	8030.00	975.00	9750.00	794.00	7940.00	7940.00	guru electricals
28.00	Supply of ISI marked four pole MCB, C series, 40 Amps, 415V, breaking capacity of 10kA as per list of approved makes.	25.00	Each	1165.00	29125.00	1350.00	33750.00	1104.00	27600.00	27600.00	guru electricals
29.00	Supply of ISI marked four pole MCB, C series, 63 Amps, 415V, breaking capacity of 10kA as per list of approved makes.	25.00	Each	1200.00	30000.00	1350.00	33750.00	1127.00	28175.00	28175.00	guru electricals
30.00	Supply of ISI marked RCCB two pole, 63 Amps, 230 Volts, 300mA sensitivity, breaking capacity of 10kA as per list of approved makes.	15.00	Each	2115.00	31725.00	2500.00	37500.00	1897.00	28455.00	28455.00	guru electricals
31.00	Supply of ISI marked RCCB four pole, 25 Amps, 415 Volts, 300mA sensitivity, breaking capacity of 10kA as per list of approved makes.	5.00	Each	1475.00	7375.00	3500.00	17500.00	1811.00	9055.00	7375.00	Bafna Electric Corp
32.00	Supply of ISI marked RCCB four pole, 63Amps, 415 Volts, 300mA sensitivity, breaking capacity of 10kA as per list of approved makes.	15.00	Each	2250.00	33750.00	4000.00	60000.00	1960.00	29400.00	29400.00	guru electricals
33.00	Supply of cylindrical type 32 Amps HRC Fuse link, rated voltage 415 V, breaking capacity 80KA.gG, having dimesions (14x51), conforms to IEC 60269-2, IS 13703 part 2 (Make: C&S) or equivalent as per list of approved makes.	10.00	Each	85.00	850.00	75.00	750.00	60.00	600.00	600.00	guru electricals
34.00	Supply of ISI marked DIN type 63 Amps HRC Fuse link, size 00, gG, rated voltage 415 V, breaking capacity 80KA (Make: C&S) or equivalent as per list of approved makes.	10.00	Each	170.00	1700.00	300.00	3000.00	200.00	2000.00	1700.00	Bafna Electric Corp
35.00	Supply of Red coloured LED type Indication Lamp dia 22.5mm with operating voltage 240V AC for panels as required as per list of approved makes.	115.00	Each	112.00	12880.00	250.00	28750.00	100.00	11500.00	11500.00	guru electricals

Sl.No	Description of Work / Item(s)	No.of Qty	Units	Bafna Electric Corp(GSTN-NA)		SRI VASUKI POWER SYSTEMS PVT LTD(GSTN-NA)		guru electricals(GSTN-NA)		L1 Amount	L1 Vendor
				Rate	Amount	Rate	Amount	Rate	Amount		
36.00	Supply of Yellow coloured LED Indication Lamp dia 22.5mm with operating voltage 240V AC for panels as required as per list of approved makes.	75.00	Each	112.00	8400.00	250.00	18750.00	100.00	7500.00	7500.00	guru electricals
37.00	Supply of Blue coloured LED Indication Lamp dia 22.5mm with operating voltage 240V AC for panels as required as per list of approved makes.	75.00	Each	160.00	12000.00	250.00	18750.00	140.00	10500.00	10500.00	guru electricals
38.00	Supply of Green coloured LED Indication Lamp dia 22.5mm with operating voltage 240V AC for Panels as required as per list of approved makes.	85.00	Each	112.00	9520.00	250.00	21250.00	100.00	8500.00	8500.00	guru electricals
39.00	Supply of Illuminated Red colour spring return push button for Panels as required as per list of approved makes.	20.00	Each	315.00	6300.00	500.00	10000.00	150.00	3000.00	3000.00	guru electricals
40.00	Supply of Illuminated Green colour spring return push button for Panels as required as per list of approved makes.	20.00	Each	315.00	6300.00	500.00	10000.00	150.00	3000.00	3000.00	guru electricals
41.00	Supply of 6A, 3 pole, 2 way Cam Operared Rotary Changeover switch with center off 60 deg (Make: L&T, Cat No: 61027) or equivalent as required as per list of approved makes.	20.00	Each	205.00	4100.00	200.00	4000.00	220.00	4400.00	4000.00	SRI VASUKI POWER SYSTEMS PVT LTD
42.00	Supply of 36 watt ballast suitable for recess mounted T8/T12 fluorescent tubelight fixture with all accessories complete as required (Make: Havells, Order No. LHBF27904025) or equivalent as per list of approved makes.	70.00	Each	260.00	18200.00	200.00	14000.00	145.00	10150.00	10150.00	guru electricals
43.00	Supply of 2x28 watt ballast suitable for recess mounted T5 fluorescent tubelight fixture with all accessories complete as required (Make: Havells, Order No. LHBT01228033) or equivalent as per list of approved makes.	25.00	Each	465.00	11625.00	450.00	11250.00	330.00	8250.00	8250.00	guru electricals
44.00	Supply of 1x28 watt ballast suitable for recess mounted T5 fluorescent tubelight fixture with all accessories complete as required (Make: Havells, Order No. LHBT03128032) or equivalent as per list of approved makes.	10.00	Each	405.00	4050.00	250.00	2500.00	185.00	1850.00	1850.00	guru electricals
45.00	Supply of 1x18 watt electronic ballast suitable for 2 pin type CFL light fixture with all accessories complete as required (Make: Bajaj, Cat.Ref no. 530882 BJHF 118) or equivalent as per list of approved makes.	30.00	Each	205.00	6150.00	250.00	7500.00	145.00	4350.00	4350.00	guru electricals
46.00	Supply of 2x18 watt electronic ballast suitable for 2 pin type CFL light fixture with all accessories complete as required (Make: Bajaj, Cat.Ref no. 530255 BJHFS 218) or equivalent as per list of approved makes.	35.00	Each	330.00	11550.00	350.00	12250.00	350.00	12250.00	11550.00	Bafna Electric Corp
47.00	Supply of 25 KVAR, 3 pole AC Capacitor duty contactor (Make: C&S, Ref. TC1-D25K11) or equivalent as per list of approved makes.	13.00	Each	2800.00	36400.00	3800.00	49400.00	3130.00	40690.00	36400.00	Bafna Electric Corp
48.00	Supply of 50 KVAR, 3 pole AC Capacitor duty contactor (Make: C&S, Ref. TC1-D50K12) or equivalent as per list of approved makes.	4.00	Each	7620.00	30480.00	10000.00	40000.00	7950.00	31800.00	30480.00	Bafna Electric Corp
49.00	Supply of 33.3 KVAR, 3 pole AC Capacitor duty contactor (Make: C&S, Ref. TC1-D33K12) or equivalent as per list of approved makes.	4.00	Each	5200.00	20800.00	2000.00	8000.00	5200.00	20800.00	8000.00	SRI VASUKI POWER SYSTEMS PVT LTD

SI.No	Description of Work / Item(s)	No.of Qty	Units	Bafna Electric Corp(GSTN-NA)		SRI VASUKI POWER SYSTEMS PVT LTD(GSTN-NA)		guru electricals(GSTN-NA)		L1 Amount	L1 Vendor
				Rate	Amount	Rate	Amount	Rate	Amount		
50.00	Supply of ISI marked 25 KVAR, 3 phase, 440V, 50Hz Square type heavy duty NPCB impregnant capacitor (Make: EPCOS, Model: SquareCap EHDLL) series B32459L5025A11 or equivalent as per list of approved makes.	5.00	Each	5500.00	27500.00	4500.00	22500.00	4650.00	23250.00	22500.00	SRI VASUKI POWER SYSTEMS PVT LTD
51.00	Supply of ISI marked 50 KVAR, 3 phase, 440V, 50Hz Square type heavy duty NPCB impregnant capacitor (Make: EPCOS, Model: SquareCap EHDLL) series B32459L5050A11 or equivalent as per list of approved makes.	5.00	Each	10900.00	54500.00	8500.00	42500.00	9250.00	46250.00	42500.00	SRI VASUKI POWER SYSTEMS PVT LTD
52.00	Supply of Ignitor for HPSV/MH Lamp suitable for use with 70/150/250/400W HPSV & MH Lamp suitable to work at 230 Volts at 50 Hz (Make: Bajaj, Product Code: 20123, BJ-IGN-SV/MH SI) or equivalent as per list of approved makes.	50.00	Each	250.00	12500.00	200.00	10000.00	275.00	13750.00	10000.00	SRI VASUKI POWER SYSTEMS PVT LTD
53.00	Supply of 70W Open Construction Integrated Electromagnetic Ballast, with enamelled copper wire, terminal block with tapping for 220/240 volts, suitable to work at 230 Volts 50 Hz suitable for use with HPSV/MH lamps (Make: Bajaj, Product Code: 169408, BJOS 70SV/MH) or equivalent as per list of approved makes.	50.00	Each	450.00	22500.00	600.00	30000.00	745.00	37250.00	22500.00	Bafna Electric Corp
54.00	Supply of LED driver suitable for use with LED strips suitable to operate in 90 to 240V, 50 Hz AC input, output 12V DC, 2A with overload, overvoltage, shortcircuit protection.	20.00	Each	600.00	12000.00	350.00	7000.00	200.00	4000.00	4000.00	guru electricals
55.00	Supply of EIC make digital meter having range 20A/6-40Vdc, Class 1% of FSD suitable for panels (Make: EIC, Model: DCVA) or equivalent as per list of approved makes.	1.00	Each	2500.00	2500.00	2000.00	2000.00	1400.00	1400.00	1400.00	guru electricals
56.00	Supply of 24 HRS analogue type time switch suitable to operate at 240V, 50 Hz AC supply with one set of change over switches and with minimum 150 Hours power reserve, suitable for mounting on DIN rail (Make: L&T, Cat No.: J648B1) or equivalent as per list of approved makes.	5.00	Each	1490.00	7450.00	1750.00	8750.00	2000.00	10000.00	7450.00	Bafna Electric Corp
57.00	Supply of automatic transfer switch (ATS) with controller for rated ampere 125A, Up 440 Volts, 50Hz, four pole with enclosure comply with IS/IEC:60947-6-1 suitable for automatic and manual operation as required (Make Havells, Cat. No.: IHYFCDE125) or equivalent as per list of approved makes.	1.00	Each	37500.00	37500.00	40000.00	40000.00	45000.00	45000.00	37500.00	Bafna Electric Corp
58.00	Supply of 18 watt 4 pin (G24q) type cool day light CFL suitable to work at 230 Volts 50 Hz (Make: Wipro, Model: Smartlite) or equivalent as per list of approved makes.	20.00	Each	120.00	2400.00	250.00	5000.00	100.00	2000.00	2000.00	guru electricals
59.00	Supply of Batten Holder 6A, with metal ring suitable for use with 240V, 50Hz supply white/ivory colour as per list of approved makes.	25.00	Each	45.00	1125.00	50.00	1250.00	25.00	625.00	625.00	guru electricals
60.00	Supply of G5 type tubelight holder suitable for T5 tubelight base to fix in the existing batten as required.	30.00	Each	30.00	900.00	30.00	900.00	15.00	450.00	450.00	guru electricals
61.00	Supply of metal oxide Lightning Arrestors of 9KV, 5KA porcelain type, 50Hz, BIL 75 KVP, MCOV 7.65KV, Morestor type: LMD suitable for dry type transformer as required (Make: LAMCO) or equivalent as per list of approved makes.	3.00	Each	1100.00	3300.00	1000.00	3000.00	600.00	1800.00	1800.00	guru electricals
62.00	Supply of Thermal Overload Relays Direct Mounting trip class 10, Suitable for Contactor Rating of 40 Amps (Make: C&S, Ref. TR2-D40355) or equivalent as per list of approved makes.	4.00	Each	1475.00	5900.00	1800.00	7200.00	1950.00	7800.00	5900.00	Bafna Electric Corp

Sl.No	Description of Work / Item(s)	No.of Qty	Units	Bafna Electric Corp(GSTN-NA)		SRI VASUKI POWER SYSTEMS PVT LTD(GSTN-NA)		guru electricals(GSTN-NA)		L1 Amount	L1 Vendor
				Rate	Amount	Rate	Amount	Rate	Amount		
63.00	Supply of DIN type 125 Amps HRC Fuse link, size 00, 100kA, gG, HN type rated voltage 415 V, breaking capacity 100kA conforms to IEC 60269-2, IS 13703 part 2, (Make: L&T, Cat.No. SF94030) or equivalent as per list of approved makes.	4.00	Each	345.00	1380.00	250.00	1000.00	350.00	1400.00	1000.00	SRI VASUKI POWER SYSTEMS PVT LTD
64.00	Supply of single phase electronic energy meter in polycarbonate body with LCD type display in accuracy class 1.0 of rating 5-30A, 240V, 50Hz, only kWh compact meter with pilfer proof meter box with sealing screw provision complete as required suitable for residential use (Make L&T, Cat. no. WM101BC5DL0) or equivalent as per list of approved makes.	10.00	Each	1050.00	10500.00	1250.00	12500.00	1100.00	11000.00	10500.00	Bafna Electric Corp
65.00	Supply of three phase electronic energy meter in polycarbonate body with counter type display in accuracy class 1.0 of rating 10-60A, 3x240V, 50Hz with transparent box complete as required suitable for residential/commercial use (Make L&T, Cat. no. WM301BC7D10) or equivalent as per list of approved makes.	3.00	Each	3030.00	9090.00	3000.00	9000.00	3600.00	10800.00	9000.00	SRI VASUKI POWER SYSTEMS PVT LTD

Total in Figures

661720.00

785400.00

661365.00

Lowest Amount Quoted BY: guru electricals(661365.00)

BOQ Summary Details

Tender Title: ARMO 2020-21 SH- Supply of Electrical Maintenance Materials for NATS, NITB and OTB at Mangaluru International Airport.

Tender ID: 2020_AAI_53542_1

Sheet Name	SI.No	Bidder Name	Amount	Bid Rank
BoQ1	1	guru electricals	661365.00	L1
	2	Bafna Electric Corp	661720.00	L2
	3	SRI VASUKI POWER SYSTEMS PVT LTD	785400.00	L3

Comparative statement

Name of work : ARMO 2020-21 SH: Supply of Electrical Maintenance Materials for NATS, NITB & OTB at Mangaluru International Airport.

Bid No. 2020_AAI_53542_1

Date of Financial Bid Opening :20.08.2020 at 12.00 hrs

Sl.No	Description	Unit	Qty	Justified		M/s Guru Electricals, Mangalore		M/s Bafna Electric Corp., Chennai		M/s Sri Vasuki Power Systems Pvt.Ltd., Bengaluru	
				Rate	Amount	Rate	Amount	Rate	Amount	Rate	Amount
1	Supply of ISI marked 36W 4 feet T8 conventional flourscent lamp cool daylight suitable for use with 230 Volts 50 Hz (Make: Crompton, Model No: FTL 36 Super Saver) or equivalent as per list of approved makes.	Each	100.00	38.00	3800.00	35.00	3500.00	39.00	3900.00	50.00	5000.00
2	Supply of ISI marked 14W 2 feet T5 lamp suitable for G5 basecap cool daylight suitable for use with 230 Volts 50 Hz (Make: Crompton, Model No: Energylux 14W T5) or equivalent as per list of approved makes.	Each	30.00	92.00	2760.00	80.00	2400.00	95.00	2850.00	125.00	3750.00
3	Supply of ISI marked 28W 4 feet T5 lamp suitable for G5 basecap cool daylight suitable for use with 230 Volts 50 Hz (Make: Crompton, Model No: Energylux 28W T5) or equivalent as per list of approved makes.	Each	55.00	100.00	5500.00	85.00	4675.00	80.00	4400.00	75.00	4125.00
4	Supply of 14W cool day light LED bulb with B22 base suitable for use with 230 Volts 50 Hz complete as required as per list of approved makes.	Each	120.00	264.00	31680.00	185.00	22200.00	175.00	21000.00	275.00	33000.00
5	Supply of ISI marked 1.5 Sqmm PVC insulated single core unsheathed industrial, multistrand bare copper conductor FRLSH flexible cables of 1.1 KV grade confirming to IS 694 amendments upto date complete as required as per list of approved makes - Red colour (90 meter coil)	Metre	450.00	17.00	7650.00	16.00	7200.00	12.00	5400.00	12.50	5625.00
6	Supply of ISI marked 1.5 Sqmm PVC insulated single core unsheathed industrial, multistrand bare copper conductor FRLSH flexible cables of 1.1 KV grade confirming to IS 694 amendments upto date complete as required as per list of approved makes - Yellow colour (90 meter coil)	Metre	450.00	17.00	7650.00	16.00	7200.00	12.00	5400.00	12.50	5625.00
7	Supply of ISI marked 1.5 Sqmm PVC insulated single core unsheathed industrial multistrand bare copper conductor FRLSH flexible cables of 1.1 KV grade confirming to IS 694 amendments upto date complete as required as per list of approved makes - Blue colour (90 meter coil)	Metre	450.00	17.00	7650.00	16.00	7200.00	12.00	5400.00	12.50	5625.00
8	Supply of ISI marked 1.5 Sqmm PVC insulated single core unsheathed industrial multistrand bare copper conductor FRLSH flexible cables of 1.1 KV grade confirming to IS 694 amendments upto date complete as required as per list of approved makes - Black colour (90 meter coil)	Metre	270.00	17.00	4590.00	16.00	4320.00	12.00	3240.00	12.50	3375.00

Sl.No	Description	Unit	Qty	Justified		M/s Guru Electricals, Mangalore		M/s Bafna Electric Corp., Chennai		M/s Sri Vasuki Power Systems Pvt.Ltd., Bengaluru	
				Rate	Amount	Rate	Amount	Rate	Amount	Rate	Amount
9	Supply of ISI marked 2.5 Sqmm PVC insulated single core unsheathed industrial multistrand bare copper conductor FRLSH flexible cables of 1.1 KV grade confirming to IS 694 amendments upto date complete as required as per list of approved makes - Red colour (90 meter coil)	Metre	270.00	27.00	7290.00	27.00	7290.00 ✓	18.00	4860.00	20.00	5400.00
10	Supply of ISI marked 2.5 Sqmm PVC insulated single core unsheathed industrial multistrand bare copper conductor FRLSH flexible cables of 1.1 KV grade confirming to IS 694 amendments upto date complete as required as per list of approved makes - Yellow colour (90 meter coil)	Metre	270.00	27.00	7290.00	27.00	7290.00 ✓	18.00	4860.00	20.00	5400.00
11	Supply of ISI marked 2.5 Sqmm PVC insulated single core unsheathed industrial multistrand bare copper conductor FRLSH flexible cables of 1.1 KV grade confirming to IS 694 amendments upto date complete as required as per list of approved makes - Blue colour (90 meter coil)	Metre	270.00	27.00	7290.00	27.00	7290.00 ✓	18.00	4860.00	20.00	5400.00
12	Supply of ISI marked 2.5 Sqmm PVC insulated single core unsheathed industrial, multistrand bare copper conductor FRLSH flexible cables of 1.1 KV grade confirming to IS 694 amendments upto date complete as required as per list of approved makes - Black colour (90 meter coil)	Metre	270.00	27.00	7290.00	27.00	7290.00 ✓	18.00	4860.00	20.00	5400.00
13	Supply of ISI marked 3C x 4 Sq.mm PVC insulated & FR PVC round sheathed copper flexible industrial cable of 1100V grade confirming to IS 694 amendments upto date etc complete as required.	Metre	100.00	112.00	11200.00	120.00	12000.00 ✓	90.00	9000.00	95.00	9500.00
14	Supply of ISI marked 6 Amps Piano type One Way switch suitable to use with 230V 50 Hz supply as required as per list of approved makes.	Each	70.00	14.00	980.00	15.00	1050.00 ✓	13.00	910.00	20.00	1400.00
15	Supply of ISI marked 6 Amps 3 pin piano type socket outlet suitable to use with 230V 50 Hz supply as required as per list of approved makes.	Each	40.00	25.00	1000.00	30.00	1200.00 ✓	31.00	1240.00	35.00	1400.00
16	Supply of ISI marked 6 Amps, 3 Pin Plug Top suitable to use with 230V 50 Hz supply as required as per list of approved makes.	Each	25.00	53.00	1325.00	55.00	1375.00 ✓	46.00	1150.00	25.00	625.00
17	Supply of ISI marked 15/20Amps Piano type One Way switch with two fixing holes suitable to use with 230V 50 Hz supply as required as per list of approved makes.	Each	40.00	67.00	2680.00	70.00	2800.00 ✓	66.00	2640.00	40.00	1600.00
18	Supply of ISI marked 16 Amps, 3 pin piano type power socket suitable to use with 230V 50 Hz supply as required as per list of approved makes.	Each	25.00	67.00	1675.00	70.00	1750.00 ✓	71.00	1775.00	60.00	1500.00
19	Supply of ISI marked 16 Amps, 3 pin Plug Top suitable to use with 230V 50 Hz supply as required as per list of approved makes.	Each	25.00	69.00	1725.00	75.00	1875.00 ✓	62.00	1550.00	40.00	1000.00

Sl.No	Description	Unit	Qty	Justified		M/s Guru Electricals, Mangalore		M/s Bafna Electric Corp., Chennai		M/s Sri Vasuki Power Systems Pvt.Ltd., Bengaluru	
				Rate	Amount	Rate	Amount	Rate	Amount	Rate	Amount
20	Supply of ISI marked modular type one way switch 6 Amps (Make: Honeywell MK, Item code: CW501WHI) or equivalent as per list of approved make.	Each	20.00	102.00	2040.00	100.00	2000.00	67.00	1340.00	80.00	1600.00
21	Supply of ISI marked modular type one way socket 6 Amps (Make: Honeywell MK, Item code: CW420WHI) or equivalent as per list of approved make.	Each	20.00	164.00	3280.00	160.00	3200.00	108.00	2160.00	140.00	2800.00
22	Supply of ISI marked modular type one way switch 16 Amps (Make: Honeywell MK, Item code: CW411WHI) or equivalent as per list of approved make.	Each	10.00	166.00	1660.00	160.00	1600.00	110.00	1100.00	130.00	1300.00
23	Supply of ISI marked modular type one way socket 6/16Amps (Make: Honeywell MK, Item code: CW424WHI) or equivalent as per list of approved make.	Each	10.00	256.00	2560.00	250.00	2500.00	169.00	1690.00	225.00	2250.00
24	Supply of ISI marked single pole MCB, 16 Amps, 230V, C series, breaking capacity of 10kA as per list of approved makes.	Each	45.00	181.00	8145.00	110.00	4950.00	109.00	4905.00	150.00	6750.00
25	Supply of ISI marked single pole MCB, C series, 32 Amps, 230V, breaking capacity of 10kA as per list of approved makes.	Each	25.00	181.00	4525.00	110.00	2750.00	109.00	2725.00	150.00	3750.00
26	Supply of ISI marked double pole MCB, C series, 63 Amps, 230/415V, breaking capacity of 10kA as per list of approved makes.	Each	10.00	912.00	9120.00	592.00	5920.00	615.00	6150.00	720.00	7200.00
27	Supply of ISI marked four pole MCB, C series, 32 Amps, 415V, breaking capacity of 10kA as per list of approved makes.	Each	10.00	1209.00	12090.00	794.00	7940.00	803.00	8030.00	975.00	9750.00
28	Supply of ISI marked four pole MCB, C series, 40 Amps, 415V, breaking capacity of 10kA as per list of approved makes.	Each	25.00	1665.00	41625.00	1104.00	27600.00	1165.00	29125.00	1350.00	33750.00
29	Supply of ISI marked four pole MCB, C series, 63 Amps, 415V, breaking capacity of 10kA as per list of approved makes.	Each	25.00	1744.00	43600.00	1127.00	28175.00	1200.00	30000.00	1350.00	33750.00
30	Supply of ISI marked RCCB two pole, 63 Amps, 230 Volts, 300mA sensitivity, breaking capacity of 10kA as per list of approved makes.	Each	15.00	2907.00	43605.00	1897.00	28455.00	2115.00	31725.00	2500.00	37500.00
31	Supply of ISI marked RCCB four pole, 25 Amps, 415 Volts, 300mA sensitivity, breaking capacity of 10kA as per list of approved makes.	Each	5.00	2715.00	13575.00	1811.00	9055.00	1475.00	7375.00	3500.00	17500.00
32	Supply of ISI marked RCCB four pole, 63Amps, 415 Volts, 300mA sensitivity, breaking capacity of 10kA as per list of approved makes.	Each	15.00	2979.00	44685.00	1960.00	29400.00	2250.00	33750.00	4000.00	60000.00

Sl.No	Description	Unit	Qty	Justified		M/s Guru Electricals, Mangalore		M/s Bafna Electric Corp., Chennai		M/s Sri Vasuki Power Systems Pvt.Ltd., Bengaluru	
				Rate	Amount	Rate	Amount	Rate	Amount	Rate	Amount
33	Supply of cylindrical type 32 Amps HRC Fuse link, rated voltage 415 V, breaking capacity 80KA,gG, having dimesions (14x51), conforms to IEC 60269-2, IS 13703 part 2 (Make: C&S) or equivalent as per list of approved makes.	Each	10.00	89.00	890.00	60.00	600.00	85.00	850.00	75.00	750.00
34	Supply of ISI marked DIN type 63 Amps HRC Fuse link, size 00, gG, rated voltage 415 V, breaking capacity 80KA (Make: C&S) or equivalent as per list of approved makes.	Each	10.00	227.00	2270.00	200.00	2000.00	170.00	1700.00	300.00	3000.00
35	Supply of Red coloured LED type Indication Lamp dia 22.5mm with operating voltage 240V AC for panels as required as per list of approved makes.	Each	115.00	95.00	10925.00	100.00	11500.00	112.00	12880.00	250.00	28750.00
36	Supply of Yellow coloured LED Indication Lamp dia 22.5mm with operating voltage 240V AC for panels as required as per list of approved makes.	Each	75.00	95.00	7125.00	100.00	7500.00	112.00	8400.00	250.00	18750.00
37	Supply of Blue coloured LED Indication Lamp dia 22.5mm with operating voltage 240V AC for panels as required as per list of approved makes.	Each	75.00	95.00	7125.00	140.00	10500.00	160.00	12000.00	250.00	18750.00
38	Supply of Green coloured LED Indication Lamp dia 22.5mm with operating voltage 240V AC for Panels as required as per list of approved makes.	Each	85.00	95.00	8075.00	100.00	8500.00	112.00	9520.00	250.00	21250.00
39	Supply of Illuminated Red colour spring return push button for Panels as required as per list of approved makes.	Each	20.00	134.00	2680.00	150.00	3000.00	315.00	6300.00	500.00	10000.00
40	Supply of Illuminated Green colour spring return push button for Panels as required as per list of approved makes.	Each	20.00	134.00	2680.00	150.00	3000.00	315.00	6300.00	500.00	10000.00
41	Supply of 6A, 3 pole, 2 way Cam Operared Rotary Changeover switch with center off 60 deg (Make: L&T, Cat No: 61027) or equivalent as required as per list of approved makes.	Each	20.00	219.00	4380.00	220.00	4400.00	205.00	4100.00	200.00	4000.00
42	Supply of 36 watt ballast suitable for recess mounted T8/T12 fluorescent tubelight fixture with all accessories complete as required (Make: Havells, Order No. LHBF27904025) or equivalent as per list of approved makes.	Each	70.00	222.00	15540.00	145.00	10150.00	260.00	18200.00	200.00	14000.00
43	Supply of 2x28 watt ballast suitable for recess mounted T5 fluorescent tubelight fixture with all accessories complete as required (Make: Havells, Order No. LHBT01228033) or equivalent as per list of approved makes.	Each	25.00	502.00	12550.00	330.00	8250.00	465.00	11625.00	450.00	11250.00
44	Supply of 1x28 watt ballast suitable for recess mounted T5 fluorescent tubelight fixture with all accessories complete as required (Make: Havells, Order No. LHBT03128032) or equivalent as per list of approved makes.	Each	10.00	347.00	3470.00	185.00	1850.00	405.00	4050.00	250.00	2500.00

Sl.No	Description	Unit	Qty	Justified		M/s Guru Electricals, Mangalore		M/s Bafna Electric Corp., Chennai		M/s Sri Vasuki Power Systems Pvt.Ltd., Bengaluru	
				Rate	Amount	Rate	Amount	Rate	Amount	Rate	Amount
45	Supply of 1x18 watt electronic ballast suitable for 2 pin type CFL light fixture with all accessories complete as required (Make: Bajaj, Cat.Ref no. 530882 BJHF 118) or equivalent as per list of approved makes.	Each	30.00	183.00	5490.00	145.00	4350.00	205.00	6150.00	250.00	7500.00
46	Supply of 2x18 watt electronic ballast suitable for 2 pin type CFL light fixture with all accessories complete as required (Make: Bajaj, Cat.Ref no. 530255 BJHFS 218) or equivalent as per list of approved makes.	Each	35.00	652.00	22820.00	350.00	12250.00	330.00	11550.00	350.00	12250.00
47	Supply of 25 KVAR, 3 pole AC Capacitor duty contactor (Make: C&S, Ref. TC1-D25K11) or equivalent as per list of approved makes.	Each	13.00	2995.00	38935.00	3130.00	40690.00	2800.00	36400.00	3800.00	49400.00
48	Supply of 50 KVAR, 3 pole AC Capacitor duty contactor (Make: C&S, Ref. TC1-D50K12) or equivalent as per list of approved makes.	Each	4.00	8563.00	34252.00	7950.00	31800.00	7620.00	30480.00	10000.00	40000.00
49	Supply of 33.3 KVAR, 3 pole AC Capacitor duty contactor (Make: C&S, Ref. TC1-D33K12) or equivalent as per list of approved makes.	Each	4.00	6020.00	24080.00	5200.00	20800.00	5200.00	20800.00	2000.00	8000.00
50	Supply of ISI marked 25 KVAR, 3 phase, 440V, 50Hz Square type heavy duty NPCB impregnant capacitor (Make: EPCOS, Model: SquareCap EHDLL) series B32459L5025A11 or equivalent as per list of approved makes.	Each	5.00	8069.00	40345.00	4650.00	23250.00	5500.00	27500.00	4500.00	22500.00
51	Supply of ISI marked 50 KVAR, 3 phase, 440V, 50Hz Square type heavy duty NPCB impregnant capacitor (Make: EPCOS, Model: SquareCap EHDLL) series B32459L5050A11 or equivalent as per list of approved makes.	Each	5.00	16139.00	80695.00	9250.00	46250.00	10900.00	54500.00	8500.00	42500.00
52	Supply of Ignitor for HPSV/MH Lamp suitable for use with 70/150/250/400W HPSV & MH Lamp suitable to work at 230 Volts at 50 Hz (Make: Bajaj, Product Code: 20123, BJ-IGN-SV/MH SI) or equivalent as per list of approved makes.	Each	50.00	469.00	23450.00	275.00	13750.00	250.00	12500.00	200.00	10000.00
53	Supply of 70W Open Construction Integrated Electromagnetic Ballast, with enamelled copper wire, terminal block with tapping for 220/240 volts, suitable to work at 230 Volts 50 Hz suitable for use with HPSV/MH lamps (Make: Bajaj, Product Code: 169408, BJOS 70SV/MH) or equivalent as per list of approved makes.	Each	50.00	1111.00	55550.00	745.00	37250.00	450.00	22500.00	600.00	30000.00
54	Supply of LED driver suitable for use with LED strips suitable to operate in 90 to 240V, 50 Hz AC input, output 12V DC, 2A with overload, overvoltage, shortcircuit protection.	Each	20.00	167.00	3340.00	200.00	4000.00	600.00	12000.00	350.00	7000.00
55	Supply of EIC make digital meter having range 20A/6-40Vdc, Class 1% of FSD suitable for panels (Make: EIC, Model: DCVA) or equivalent as per list of approved makes.	Each	1.00	1481.00	1481.00	1400.00	1400.00	2500.00	2500.00	2000.00	2000.00

Sl.No	Description	Unit	Qty	Justified		M/s Guru Electricals, Mangalore		M/s Bafna Electric Corp., Chennai		M/s Sri Vasuki Power Systems Pvt.Ltd., Bengaluru	
				Rate	Amount	Rate	Amount	Rate	Amount	Rate	Amount
56	Supply of 24 HRS analogue type time switch suitable to operate at 240V, 50 Hz AC supply with one set of change over switches and with minimum 150 Hours power reserve, suitable for mounting on DIN rail (Make: L&T, Cat No.: J648B1) or equivalent as per list of approved makes.	Each	5.00	1878.00	9390.00	2000.00	10000.00	1490.00	7450.00	1750.00	8750.00
57	Supply of automatic transfer switch (ATS) with controller for rated ampere 125A, Up 440 Volts, 50Hz, four pole with enclosure comply with IS/IEC:60947-6-1 suitable for automatic and manual operation as required (Make Havells, Cat. No.: IHYFCDE125) or equivalent as per list of approved makes.	Each	1.00	39546.00	39546.00	45000.00	45000.00	37500.00	37500.00	40000.00	40000.00
58	Supply of 18 watt 4 pin (G24q) type cool day light CFL suitable to work at 230 Volts 50 Hz (Make: Wipro, Model: Smartlite) or equivalent as per list of approved makes.	Each	20.00	96.00	1920.00	100.00	2000.00	120.00	2400.00	250.00	5000.00
59	Supply of Batten Holder 6A, with metal ring suitable for use with 240V, 50Hz supply white/ivory colour as per list of approved makes.	Each	25.00	25.00	625.00	25.00	625.00	45.00	1125.00	50.00	1250.00
60	Supply of G5 type tubelight holder suitable for T5 tubelight base to fix in the existing batten as required.	Each	30.00	8.00	240.00	15.00	450.00	30.00	900.00	30.00	900.00
61	Supply of metal oxide Lightning Arrestors of 9KV, 5KA porcelain type, 50Hz, BIL 75 KVP, MCOV 7.65KV, Morestor type: LMD suitable for dry type transformer as required (Make: LAMCO) or equivalent as per list of approved makes.	Each	3.00	543.00	1629.00	600.00	1800.00	1100.00	3300.00	1000.00	3000.00
62	Supply of Thermal Overload Relays Direct Mounting trip class 10, Suitable for Contactor Rating of 40 Amps (Make: C&S, Ref. TR2-D40355) or equivalent as per list of approved makes.	Each	4.00	1820.00	7280.00	1950.00	7800.00	1475.00	5900.00	1800.00	7200.00
63	Supply of DIN type 125 Amps HRC Fuse link, size 00, 100kA, gG, HN type rated voltage 415 V, breaking capacity 100kA conforms to IEC 60269-2, IS 13703 part 2, (Make: L&T, Cat.No. SF94030) or equivalent as per list of approved makes.	Each	4.00	364.00	1456.00	350.00	1400.00	345.00	1380.00	250.00	1000.00
64	Supply of single phase electronic energy meter in polycarbonate body with LCD type display in accuracy class 1.0 of rating 5-30A, 240V, 50Hz, only kWh compact meter with pilfer proof meter box with sealing screw provision complete as required suitable for residential use (Make L&T, Cat. no. WM101BC5DL0) or equivalent as per list of approved makes.	Each	10.00	1048.00	10480.00	1100.00	11000.00	1050.00	10500.00	1250.00	12500.00

Sl.No	Description	Unit	Qty	Justified		M/s Guru Electricals, Mangalore		M/s Bafna Electric Corp., Chennai		M/s Sri Vasuki Power Systems Pvt.Ltd., Bengaluru	
				Rate	Amount	Rate	Amount	Rate	Amount	Rate	Amount
65	Supply of three phase electronic energy meter in polycarbonate body with counter type display in accuracy class 1.0 of rating 10-60A, 3x240V, 50Hz with transparent box complete as required suitable for residential/commercial use (Make L&T, Cat. no. WM301BC7D10) or equivalent as per list of approved makes.	Each	3.00	3234.00	9702.00	3600.00	10800.00	3030.00	9090.00	3000.00	9000.00
A	Total				841951.00		661365.00		661720.00		785400.00
B	Labour cess @ 1%										
C	Grand Total				841951.00		661365.00		661720.00		785400.00
							-21.45%		-21.41%		-6.72%
							L1		L2		L3

Certified that I have personally conducted check of all quotations duly computed checked and satisfied myself that the checking work been properly done and the rates quoted by the contractor ie. totals are carried over correctly in the comparative statement.



Signature of the Asst. Gen. Manager (E-E)

Certified that I have personally conducted a test check of the computed & checked tenders forwarded by Deptt. Of Engg. And satisfied myself that the checking work has been properly done.

Signature of the AGM (Finance)

MEMO FORWARDING e-TENDERS TO HIGHER AUTHORITIES

1	Name of work	:	ARMO 2020-21 SH: Supply of Electrical Maintenance Materials for NATS, NITB & OTB at Mangaluru International Airport.
2	Ref. to Admn. Approval & Expenditure sanction	:	-
	(i) No. & Date	:	
	(ii) Amount	:	
	(iii) Proportionate amount available for the work included in the present Tenders	:	ARMO Action Plan FY 20-21 AS scheme S.No.16 of Rs 12 Lakh
3	Ref. To Tech Sanction		AAI/ ML/ENGG(E)/TS/20-21/05 dt: 27.07.2020 Rs. 8,81,756/-
	(i) No. & Date	:	
	(ii) Amount	:	
4	Scope of work for which Tenders have been called for clearly indicating the items omitted from the sanction estimate	:	Supply of Electrical spares, SITC of Electrical/Substation Equipments and associated works as per BOQ.
5	Ref. To Approval of NIT		
	(i) Authority	:	Asst. Gen. Manager, Engg (E) Mangaluru International Airport.
	(ii) Date	:	AAI/ML/ENGG (E)/AGM (E)/ NIT-07/2020-21/936 dt: 27.07.2020
	(iii) Est. Amount put to Tender	:	Rs. 8,81,756/-
6	Ref. To Publicity		
	(i) Date on which notice inviting Tender was placed on notice Board	:	27.07.2020
	(ii) Date of which it was circulated to other offices	:	27.07.2020 (Through CPP Portal, AAI website)
	(iii) Name of News papers (with dates) in which the notice inviting Tender was actually advertised	:	NA

7	(i) The date and time at which Tender were due to be received	:	10.08.2020 upto 18:00 hrs.		
	(ii) Postponed date and time if any	:	-		
	(iii) Reasons for postponement	:	-		
	(iv) Reference to publicity in regard to postponement of tenders	:	-		
8	The date from which Tenders were available for sale contractors	:	-		
9	Particulars of contractors to whom Tender were sold quoting authority for issue of tenders	:	Nil		
10. Sl. No	Name of contractor	Whether Proprietorship/ Partnership		Date of issue of Tenders	Remarks
(1)	(2)	(3)		(4)	(5)
1	M/s Guru Electricals, Mangalore	Proprietorship		10.08.2020	
2	M/s Bafna Electric Corp., Chennai	Partnership		10.08.2020	
3	M/s Manas Electric Co., Bangalore	Proprietorship		07.08.2020	
4	M/s Sri Vasuki Power Systems Pvt.Ltd., Bengaluru	Partnership		04.08.2020	
10	Opening of Tenders		:		
	(i) Date and time at which Tenders were due to be open(Financial Bid)	:	Price bid –17.08.2020at 14.30 hrs		
	a) Date and time at which Tenders were actually opened(Financial Bid)	:	Price bid –20.08.2020 at 12:00hrs		
	b) Name and Designation of officers who actually opened the Tenders (price bid)	:	1. Sh. S Ram Mohan, Asst.Gen. Manager (E.E) 2. Smt. Latha Rao, Manager (F)		
	c) Name of contractors present at the time of opening of Tenders	:	NIL		
	(ii) Name and designation of any other person present	:	NIL		

Contd..3

POSITION OF TENDERS RECEIVED

Sl.No (i)	Name of contractor (ii)	Amount Excluding. GST (iii)	% age above or below the justified cost (excl. GST) (iv)
1	M/s Guru Electricals, Mangalore	Rs. 6,61,365/-	21.45% Below
2	M/s Bafna Electric Corp., Chennai	Rs. 6,61,720/-	21.41 % Below
3	M/s Sri Vasuki Power Systems Pvt.Ltd., Bengaluru	Rs. 7,85,400/-	6.72 % Below
12.	(i) Justified percentage as worked by AAI	:	Rs. 8,41,951/- (excluding GST)
13.	Date on which validity of Tenders expires	:	90 DAYS from date of opening. (i.e.- on 18.11.2020)
14.	Remarks & Recommendations of the Executive Engineer	:	
	(i) Available of site	:	Yes
	(ii) Available of stipulated materials	:	N/A
	(iii) Approval of layout plans	:	-
	(iv) Approval to building, plans clearance from local body	:	N/A
	(v) Comments on the capabilities of three lowest Tenders including their financial and technical resources	:	Capable
	(vi) Is this the first call of Tenders? If not details of previous calls and results	:	N/A
15	Justification Based on market rate.		
16	Comments on the Tenders: Tender was floated for the above said work on 27.07.2020 Cover-I (Hard Copy & Prequalification Bid and Technical Bid) Hard copy was opened on 14.08.2020 and Prequalification Bid and Technical Bid was opened on 17.08.2020. Out of four agencies who participated three were qualified for the Cover-II opening. Cover-II (Financial Bid) was opened on 20.08.2020. The comparative statement was prepared with justification cost as the base (comparative statement including portal generated is enclosed). The offer of M/s Guru Electricals, Mangalore who quoted Rs. 6,61,365/- i.e. 21.45% below the justified cost of Rs. 8,41,951/- is the first lowest. (without GST). The amount for this work can be realized from ARMO Action Plan FY 20-21 in which an amount of Rs 12.00 lakhs Sl.No.16 of AS scheme is earmarked. Hence financial concurrence for an amount of Rs. 6,61,365/- without GST (Rupees Six Lakhs Sixty One Thousand Three Hundred and Sixty Five Only) plus applicable GST, may be accorded for awarding the work to the lowest bidder i.e to M/s Guru Electricals, Mangalore Vide D.O.P.8.5(a). Submitted for approval and forwarding please. Asst.Gen.Manager (Engg.E) AAI, Mangaluru Intl. Airport		