



संदर्भ संख्या: भाविप्रा/गोंदिया/अभि-वि/का.आ.-02/2023-24/194/709-20
Ref. No.: AAI/GONDIA/ENGG(E)/WO-02/2023-24/

दिनांक: 01.05.2023

Date : 01.05.2023

स्पीड पोस्ट / ई-मेल

प्रति,

मेसर्स ASCENT इलेक्ट्रिकेशन इंजिनियर्स,
241, स्वामीनारायण नगर-1,
रामकृष्ण विवेकानंद आश्रम के सामने,
हलार हाउस के पीछे, जामनगर-361001.

To,

M/s. ASCENT Electrification Engineers,
241, Swaminarayan Nagar-1,
Opp. Ram Krishna Vivekananda Ashram,
Behind Halar House, Jamnagar-361001

कार्य का नाम : बिरसी विमानतल, गोंदिया में ILS (LLZ एवं GP) की स्थापना। उपशीर्षक : विद्युत कार्य।

Name of Work : Installation of New ILS (LLZ and GP) at Birsi Airport, Gondia. SH : Electrical Works.

संदर्भ : ई-निविदा आई डी नं. 2023_AAI_148675_1, दिनांक : 15.04.2023 को खोली गई।

Reference : E-Tender ID No. 2023_AAI_148675_1, Opened on Dt. 15.04.2023.

महोदय / Dear Sir (s),

- उपर उल्लेखित कार्य हेतु आपकी ई-निविदा अध्यक्ष, भारतीय विमानपत्तन प्राधिकरण की ओर से स्वीकृत की जाती है, आपके द्वारा बताए गए मद मूल्यों पर आपकी ई-निविदा राशि कुल रु. 1,43,90,217.39 (एक करोड़ तैंतालीस लाख नब्बे हजार दो सौ सत्रह रुपये एवं उनतालीस पैसा मात्र) (जी.एस.टी. के बिना) है, जो कि ई-निविदा की अनुमानित लागत राशि रु. 1,93,95,281.94 से 25.81% नीचे है।
Your E-Tender for the above mentioned work is hereby accepted on behalf of Chairman, Airports Authority of India, at the item rates quoted by you totaling to Rs. 1,43,90,217.39 (Rupees One Crore Forty Three Lakh Ninety Thousand Two Hundred Seventeen and Thirty Nine Paise Only) (Exclusive GST) which is 25.81% Below the Estimated/Justified cost put to tender of Rs. 1,93,95,281.94.
- सहायक महाप्रबंधक (अभि-विद्युत), भाविप्रा, बिरसी विमानतल, गोंदिया इस कार्य के प्रभारी अभियंता होंगे। आपसे निवेदन है कि आप करारनामे पर हस्ताक्षर करने एवं करारनामे को पूरा करने के लिए दिनांक 25.05.2023 तक सहायक महाप्रबंधक (अभि-विद्युत), भाविप्रा, बिरसी विमानतल, गोंदिया के कार्यालय में उपस्थित हो। ठेके का करारनामा रु.100/- (सौ रुपए मात्र) के नोनजुडिशियल स्टैम्प पेपर पर निष्पादित किया जाएगा, तथा स्टैम्प पेपर का खर्च आपके द्वारा उठाया जाएगा।
Asst. General Manager (Engg-Elect), AAI, Birsi Airport, Gondia shall be the Engineer-In-Charge of this work. You are requested to attend the office of Asst. General Manager (Engg-Elect), AAI, Birsi Airport, Gondia by 25.05.2023 to sign and complete the agreement. The contract agreement shall be executed on a non-judicial stamp paper of value Rs.100/- (Rupees One Hundred Only) and the cost of stamp paper shall be borne by you.
- कृपया इस पत्र के जारी होने की तिथि से 10 दिनों के अंदर जमानत राशि रु. 14,39,022/- (रु. चौदह लाख उनतालीस हजार बाईस मात्र) जमा करे अन्यथा इसे ठेके के दस्तावेज के पृष्ठ GCC-16 पर दी गई शर्त क्लोज 1 'A' के अनुसार आपके चल बिल से काट लिया जाएगा।
Please deposit Rs. 14,39,022/- (Rupees Fourteen Lakh Thirty Nine Thousand Twenty Two Only) towards Security Deposit within 10 Days from the date of issue of this letter, failing which, the same will be deducted as per condition of Clause No. 1 'A' at page no. 16 of the Contract Document.

जारी / Contd.....2



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4. निविदा के संविदा की सामान्य शर्तों के पृष्ठ 49 पर दी गई शर्त क्लोज 19 के अनुसार आपसे निवेदन है की आप केंद्रीय और राज्य सरकारों 1970 के अधिनियम अनुबंध श्रम नियम (नियम तथा उन्मूलन), 1971 के केंद्रीय नियम श्रम नियम (नियमन तथा उन्मूलन), अधिनियम 1986, बाल मजदूर (निषेध और नियमन), अधिनियम 1996 बांधकाम मजदूर (रोजगार और सेवा की स्थिति के विनियम), अधिनियम 1996 भवन एवम अन्य निर्माण श्रमिक कल्याण उपकर, के अनुसार राज्य सरकार के नियमों के प्रावधानों का अनुपालन करें।
You are requested to comply with the provision of Contract Labour (Regulation and Abolition) Act 1970 and Contract Labour (Regulation & Abolition) Central Rule 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. 49 of GCC of tender and rules of Central and State Government.
5. आपको यह निर्देश दिया जाता है कि प्रबंधक (अभि.-वि.) से शीघ्र संपर्क करें जो आपको साईट सौंपने की व्यवस्था करेंगे।
You are directed to contact to **Manager (Engg-Elect)** immediately who will arrange to handover the site.
6. कृपया नोट कर लें कि काम करने का अनुमानित समय **चार (04) माह** है जो कि इस कार्यदेश के जारी होने के दसवे दिन से गिना जाएगा।
Please note that the time allowed for carrying out the work shall be **04 (Four) Months**, which shall be reckoned from the 10th day of issue of this order.
7. इस ठेके से संबंधित आगे का कोई भी पत्राचार सहायक महाप्रबंधक (अभि.-विद्युत), भाविप्रा, बिरसी विमानतल, गोंदिया, महाराष्ट्र-441601 के पते पर किया जाएगा।
Any further correspondence in connection with the contract should normally be addressed to Asst.GM (Engg-Elect), AAI, Birsi Airport, Gondia, Maharashtra-441601.
8. भाविप्रा का महाराष्ट्र राज्य के लिए GSTIN क्र. 27AAACA6412D1Z8 है।
The GSTIN Registration No. of AAI is 27AAACA6412D1Z8 for Maharashtra State.
9. कृपया पावती भेजे तथा स्वीकृति टोकन के रूप में इस पत्र की हस्ताक्षरित प्रति इस कार्यालय में भेजें।
Please acknowledge the receipt and return the duplicate copy of this letter enclosed herewith after signing to the undersigned as a token of acceptance.
10. यदि अंग्रेजी और हिंदी पाठ में कोई अंतर पाया जाता है तो अंग्रेजी विवरण सही माना जाएगा।
If there is any discrepancy between English and Hindi, then meaning derived in English will be taken as correct.

भवदीय / Yours Faithfully

संलग्न : Item Rate BOQ (7 Pages)


[देवेन्द्र पुरी गोस्वामी / DEVENDRA PURI GOSWAMI]

सहा. महाप्रबंधक (अभि-वि) / Asst. Gen. Manager (Engg-E)

कृते तथा ओर से अध्यक्ष, भारतीय विमानपत्तन प्राधिकरण

For and on behalf of Chairman, Airports Authority of India

बिरसी विमानतल, गोंदिया / Birsi Airport, Gondia

Validate Print Help

Item Rate BoQ

Tender Inviting Authority: Asst. General Manager (Engg-Elect), AAI, Birsī Airport, Gondia

Name of Work: <Installation of New ILS (LLZ and GP) at Birsī Airport, Gondia. SH : Electrical Works>

Contract No: 2023_AAI_148675_1

Name of the Bidder/ Bidding Firm / Company :	Ascent Electrification Engineers					
PRICE SCHEDULE (This BOQ template must not be modified/replaced by the bidder and the same should be uploaded after filling the relevent columns, else the bidder is liable to be rejected for this tender. Bidders are allowed to enter the Bidder Name and Values only)						
NUMBER #	TEXT #	NUMBER #	TEXT #	NUMBER #	NUMBER #	TEXT #
Sl. No.	Item Description	Quantity	Units	BASIC RATE Excluding GST and including all taxes In Figures To be entered by the Bidder Rs. P	TOTAL AMOUNT Excluding GST and including all Taxes in Rs. P	TOTAL AMOUNT In Words
1	2	3	4	5	6	7
1.00	Supply of following sizes of 1.1 KV grade multicore aluminium conductor PVC insulated / XLPE insulated and PVC sheathed armoured cable as per IS-7098 (Part-I) 1988 respectively with upto date amendments. (a) 3.5C X 185 Sq mm	9800	Meter	818.81	8024338.00	INR Eighty Lakh Twenty Four Thousand Three Hundred & Thirty Eight Only
2.00	Supply of 4C X 4 Sq mm 1.1 KV grade multicore copper conductor PVC insulated / XLPE insulated and PVC sheathed armoured cable as per IS-7098 (Part-I) 1988 respectively with upto date ammendments.	100	Meter	193.54	19354.00	INR Nineteen Thousand Three Hundred & Fifty Four Only
3.00	Supply of 4C X 16 Sq mm 1.1 KV grade multicore flexible copper conductor PVC insulated / XLPE insulated and PVC sheathed cable as per IS-7098 (Part-I) 1988 respectively with upto date ammendments.	50	Meter	660.01	33000.50	INR Thirty Three Thousand and Paise Fifty Only
4.00	Laying of one number PVC insulated and PVC sheathed / XLPE power cable of 1.1 KV grade of following size in existing RCC/HUME/METAL/DWC HDPE pipe etc as required. (a) Above 95 Sq.mm and upto 185 Sq mm	9756	Meter	24.81	242046.36	INR Two Lakh Forty Two Thousand &Forty Six and Paise Thirty Six Only
5.00	Laying of one number PVC insulated and PVC sheathed / XLPE power cable of 1.1 KV grade of following size in existing RCC/HUME/METAL/DWC HDPE pipe etc as required. (b) Upto 35 Sq.mm	90	Meter	24.81	2232.90	INR Two Thousand Two Hundred & Thirty Two and Paise Ninety Only
6.00	Laying of one number PVC insulated and PVC sheathed / XLPE power cable of 1.1 KV grade of following size in masonnary open duct etc as required. (a) Above 95 Sq.mm and upto 185 Sq mm	15	Meter	24.81	372.15	INR Three Hundred & Seventy Two and Paise Fifteen Only
7.00	Laying and fixing of one number PVC insulated and PVC sheathed / XLPE power cable of 1.1 KV grade of following size on wall surface as required. (a) Above 95 Sq.mm and upto 185 Sq mm	26	Meter	24.81	645.06	INR Six Hundred & Forty Five and Paise Six Only
8.00	Laying and fixing of one number PVC insulated and PVC sheathed / XLPE power cable of 1.1 KV grade of following size on wall surface as required. (b) Upto 35 Sq.mm (clamped with 1mm thick saddle)	60	Meter	24.81	1488.60	INR One Thousand Four Hundred & Eighty Eight and Paise Sixty Only
9.00	Supply of 120 mm dia (OD-120 mm & ID-103 mm nominal) DWC HDPE pipe ISI marked along with all accessories like socket, bend, couplers etc. complete as required.	9756	Meter	198.50	1936566.00	INR Nineteen Lakh Thirty Six Thousand Five Hundred & Sixty Six Only
10.00	Laying of 120 mm dia (OD-120 mm & ID-103 mm nominal) DWC HDPE pipe ISI marked along with all accessories like socket, bend, couplers etc. conforming to IS 14930, Part II complete with fitting and cutting, jointing etc. direct in ground (75 cm below ground level) i/c excavation and refilling the trench but excluding sand cushioning and protective covering etc. complete as required.	9756	Meter	25.81	251802.36	INR Two Lakh Fifty One Thousand Eight Hundred & Two and Paise Thirty Six Only

01/05/2023
सहा. महा. प्र. (अभि. वि.) AGM (E-E)
भा. वि. प्रा. / A.A.I.
बिरसी विमानतल, गोंदिया
Birsī Airport, GONDIA

NUMBER #	TEXT #	NUMBER #	TEXT #	NUMBER #	NUMBER #	TEXT #
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1	2	3	4	5	6	7
11.00	Supplying and making end termination with brass compression gland and aluminium lugs for following size of PVC insulated and PVC sheathed / XLPE aluminium conductor cable of 1.1 KV grade as required. (a) 3.5 X 185 Sq. mm	14	Set	1488.75	20842.50	INR Twenty Thousand Eight Hundred & Forty Two and Paise Fifty Only
12.00	Supplying and making straight through joint with heat shrinkable kit including ferrules and other jointing materials for following size of PVC insulated and PVC sheathed / XLPE aluminum conductor cable of 1.1 KV grade as required. (a) 3.5 C X 185 Sq.mm	5	Set	4466.25	22331.25	INR Twenty Two Thousand Three Hundred & Thirty One and Paise Twenty Five Only
13.00	Supply & Laying and fixing of 100 mm dia G.I. pipe (medium class) in ground complete with G.I. fittings including trenching (75 cm deep) and re-filling and making the same surface etc. as required.	60	Meter	992.50	59550.00	INR Fifty Nine Thousand Five Hundred & Fifty Only
14.00	Supply & fixing of pre cast RCC manhole chamber of size 1000 mm inner dia x 500 mm deep with wall thickness of 50 mm along with suitable RCC cover having 75 mm thickness with lifting hooks, making suitable holes in the chamber for cable / pipe entries as per site requirements. Job includes providing PCC base of grade 1:3:6 (1 cement : 3 sand : 6 40 mm size concrete) of 100 mm thickness at the bottom including required excavation etc complete as required.	2	Job	6451.25	12902.50	INR Twelve Thousand Nine Hundred & Two and Paise Fifty Only
15.00	Supplying cable route marker with 10cmX10cmX5mm thick, GI plate with inscription thereon, bolted/ welded to 35mmX35mmX6mm angleiron, 60cm long and fixing the same in ground as required.	50	Each	347.38	17369.00	INR Seventeen Thousand Three Hundred & Sixty Nine Only
16.00	Excavation of the cable trenches in hard rock not exceeding 1.5 meters in width and lift upto 1.5 meters, including getting out the excavated soil and disposal of excavated soil as directed within a lead of 50 meters	100	Cum	496.25	49625.00	INR Forty Nine Thousand Six Hundred & Twenty Five Only
17.00	Horizontal boring under existing road or concrete surface in small length varying from 5m to 25m at a depth of 1m (approx) including supply and laying of 100 mm dia 'B' class G.I. Pipe for cable entry, getting out the excavated soil, lifting and disposing of the same within a lead of 50 Mtrs. etc. complete as required.	24	Meter	496.25	11910.00	INR Eleven Thousand Nine Hundred & Ten Only
18.00	Earthing with copper earth plate 600 mm X 600 mm X 3.15 mm thick including accessories, and providing masonry enclosure with cover plate having locking arrangement and watering pipe of 3 meter long etc. with charcoal/ coke and salt as required.	13	Set	15383.75	199988.75	INR One Lakh Ninety Nine Thousand Nine Hundred & Eighty Eight and Paise Seventy Five Only
19.00	Supplying and laying 25 mm X 3 mm copper strip below ground as strip earth electrode, including connection/ terminating with nut, bolt, spring, washer etc. as required. (Jointing shall be done by overlapping and with 2 sets of brass nut bolt & spring washer spaced at 50 mm)	50	Meter	595.50	29775.00	INR Twenty Nine Thousand Seven Hundred & Seventy Five Only
20.00	Providing and fixing 25 mm X 3 mm copper strip in 40 mm dia G.I. pipe from earth electrode including connection with brass nut, bolt, spring, washer excavation and re-filling etc. as required.	65	Meter	1091.75	70963.75	INR Seventy Thousand Nine Hundred & Sixty Three and Paise Seventy Five Only
21.00	Providing and fixing 25 mm X 3 mm copper strip on surface or in recess for connections etc. as required.	30	Meter	595.50	17865.00	INR Seventeen Thousand Eight Hundred & Sixty Five Only
22.00	SITC of Three Phase neutral Surge Protection Device (SPD), type 1+ 2 , 4 module, 3P+ N with inbuilt MCB having Maximum discharge current 100kA (10/350 us)), impulse current 8KA with protection level of 0 - 1.5 KV including all accessories, conforming to IEC 61643-11, Cat No. AUSP123PN100, Make : L & T or equivalent as per AAI approved make list.	2	Each	15433.38	30866.76	INR Thirty Thousand Eight Hundred & Sixty Six and Paise Seventy Six Only
23.00	SITC of Single Phase neutral Surge Protection Device (SPD), type 2 , 2 module, 1P+ N with inbuilt MCB having Maximum discharge current 40kA (10/350 us)), impulse current 8KA with protection level of 0 - 1.5 KV including all accessories, conforming to IEC 61643-11, Cat No. AUSP121PN100, Make : L & T or equivalent as per AAI approved make list.	4	Each	15383.75	61535.00	INR Sixty One Thousand Five Hundred & Thirty Five Only
24.00	Providing and fixing of lightning conductor finial, made of 25 mm dia 2 mtr long copper tube, having single prong at top, with 85 mm dia 6 mm thick copper base plate including holes etc. complete as required.	2	Each	5558.00	11116.00	INR Eleven Thousand One Hundred & Sixteen Only


 01/05/23
 महा महाप्र (अमि-वि.) AGM (E-E)
 मा.वि.प्रा. / A.A.I.
 बिरसी विमानतल, गोंदिया
 Birsa Airport, GONDIA

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1	2	3	4	5	6	7
25.00	Providing joints by using brazing technique on 25 mm X 3 mm copper strip on surface or in recess for connections to another copper earth strip for interconnection to all earth's of Lightning Arrestors, Equipment and Electrical power supply earthing etc. as required.	50	Each	595.50	29775.00	INR Twenty Nine Thousand Seven Hundred & Seventy Five Only
26.00	Design, Manufacturing, Supply, Installation, Testing and Commissioning of cubicle type totally enclosed free standing, dust free, compartmentalised, additional Stiffening by suitable angle iron, damp and vermin proof and water proof outdoor (IP 54) feeder pillar of 3 phase 415 Volts , 50 Hz, fabricated out of 2mm thick CRCA sheet duly powder coated and including supply and fixing the following switchgears (AAI Approved make) to withstand rough usage and weather, with hinged type doors(front and back), interconnections, wiring with suitable size wires/cables, detachable gland plates, rain protection cover, earthing stud and having locking arrangement, fixing on M.S. angle frame of 50mmX50mmX6mm, leg height 0.75 mtr. and providing suitable PCC foundation pedestal for erection, plastering, i/c disconnecting existing incoming and outgoing cables from old feeder pillar / earthing and re-connecting it again, Loading / Un loading new / existing materials upto site & AAI store. etc. complete as per specifications as required. Incomer : (i) 250 Amps, Four Pole Moulded Case Circuit Breaker having adjustable Thermal (80% - 100%) and adjustable Magnetic Release with Breaking capacity Icu at 415 V, 36 kA - 2 No. (ii) Digital VAF + PF meter - 01 set. (iii) Indication lamps LED type (ON and OFF), suitable control MCB - 01 set R, Y, B -1 set ON LOAD CHANGEOVER SWITCH: (i) 250 Amps, Four Pole, On Load Change over Switch, 415V , 50Hz AC (Incomer two power Supply and outgoing one) - 01 Nos. BUS BAR: (i) 300 Amps copper busbar for phase and neutral - 1 Set Outgoing : (i) 200 Amps, Four Pole MCCB having adjustable Thermal (80% - 100%) and Adjustable Magnetic setting, breaking capacity Icu at 415 V, 36 kA -2 Nos. (ii) 100 Amps, Four Pole MCCB having adjustable Thermal (80% - 100%) and Adjustable Magnetic setting, breaking capacity Icu at 415 V, 25 kA - 2 No. (iii) Indication lamps LED type (ON and OFF -- 04 set	1	Job	316359.38	316359.38	INR Three Lakh Sixteen Thousand Three Hundred & Fifty Nine and Paise Thirty Eight Only
27.00	Supply Installation Testing and commissioning of IP65 MI combinable type Bus Bars JB with 250 amps (tinned Cu) bus bars, should be made of high quality Polycarbonate PC-GFS (totally insulated class II) (shock proof, rust free, corrosion free, acid and chemical resistant, fire retardant, having high impact, made of halogen and silica free recyclable material),UV resistant, having high grade gasket made of Polyurethane, should withstand glow wire test at 9600C, should be flame retardant, materials suitable for outdoor application and the enclosure should have pre-moulded knock out for cable entry on side walls and enclosure should have PC hinged option. For cable entry from bottom part a de-touchable type PC flange should be fitted with plain wall. The plain wall of flange can be drilled as per cable size. Lid screws should be made of polyamide spring loaded half turn type and to open a triangular key or tool will be required. Inside enclosure should have lot of self-threaded holes so that mounting plate/bus bars can be mounted easily. Degree of Protection : IP 65 Bus bar rating: 250A (RYBN: 30 X 06) MM CU Dimensions : 500 [L] x 975 [H] x 660 [D] mm Given Cable Size : 4C X 120 Sq.mm AL. Cable (Loop In / Loop Out) Mounting Type : Outdoor / Floor Mounting (FRP Angled Frame)	6	Job	6252.75	37516.50	INR Thirty Seven Thousand Five Hundred & Sixteen and Paise Fifty Only
28.00	Supply of ISI marked 2mm thickness 3.3Kv Electrical Insulation mat conforming to IS 15652:2006 , CPRI certified suitable for all voltages not exceeding 3.3 Kv having minimum width of 1000mm.	20	Sq.Meter	1141.38	22827.60	INR Twenty Two Thousand Eight Hundred & Twenty Seven and Paise Sixty Only



 01/05/23 AGM (E-E)

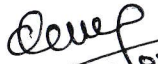
 महा.प्र. (अ.प्र.-वि.)

 भा.वि.प्रा./A.A.I.

 बिरसो विमानतल, गोंदिया

 Birsi Airport, GONDIA

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1	2	3	4	5	6	7
29.00	Wiring for light point/ fan point/ exhaust fan point/ call bell point with 1.5 sq.mm FRLSH PVC insulated copper conductor single core cable in surface / recessed steel conduit, with modular switch, modular plate, suitable PVC box and earthing the point with 1.5 sq.mm. FRLSH PVC insulated copper conductor single core cable etc as required. a) Group C	20	Point	1389.50	27790.00	INR Twenty Seven Thousand Seven Hundred & Ninety Only
30.00	Wiring for circuit/ submain wiring alongwith earth wire with the following sizes of FRLSH PVC insulated copper conductor, single core cable in surface/ recessed steel conduit as required. a) 2 x 1.5 Sq.mm + 1 x 1.5 Sq.mm Earth Wire	300	Meter	168.73	50619.00	INR Fifty Thousand Six Hundred & Nineteen Only
31.00	Wiring for circuit/ submain wiring alongwith earth wire with the following sizes of FRLSH PVC insulated copper conductor, single core cable in surface/ recessed steel conduit as required. b) 2 x 2.5 Sq.mm + 1 x 2.5 Sq.mm Earth Wire	200	Meter	178.65	35730.00	INR Thirty Five Thousand Seven Hundred & Thirty Only
32.00	Wiring for light/ power plug with 2X4 sq. mm FRLSH PVC insulated copper conductor single core cable in surface/ recessed steel conduit alongwith 1 No 4 sq. mm FRLSH PVC insulated copper conductor single core cable for loop earthing as required.	50	Meter	198.50	9925.00	INR Nine Thousand Nine Hundred & Twenty Five Only
33.00	Wiring for light/ power plug with 4X4 sq. mm FRLSH PVC insulated copper conductor single core cable in surface/ recessed steel conduit alongwith 2 Nos 4 sq. mm FRLSH PVC insulated copper conductor single core cable for loop earthing as required.	50	Meter	198.50	9925.00	INR Nine Thousand Nine Hundred & Twenty Five Only
34.00	Supplying and fixing of 25 mm sizes of medium class steel conduit along with accessories in surface/recess including cutting the wall and making good the same in case of recessed conduit as required.	30	Meter	148.88	4466.40	INR Four Thousand Four Hundred & Sixty Six and Paise Forty Only
35.00	Supplying and drawing 3 x 4 Sq.mm sizes of FRLSH PVC insulated copper conductor, single core cable in the in the existing surface/recessed PVC/steel conduit/PVC casing & capping as required.	100	Meter	148.88	14888.00	INR Fourteen Thousand Eight Hundred & Eighty Eight Only
36.00	Supplying and fixing 3 Modular PVC box with modular plate and cover in front on surface or in recess, including providing and fixing 6 pin 5/6 & 15/16 A modular socket outlet and 15/16 A modular switch, connections etc. as required.	70	Each	397.00	27790.00	INR Twenty Seven Thousand Seven Hundred & Ninety Only
37.00	Supplying and fixing modular blanking plate on the existing modular plate & switch box including connections but excluding modular plate etc. as required.	10	Each	0.99	9.90	INR Nine and Paise Ninety Only
38.00	Supply of floor mounted bubble top water dispenser having cold and hot water storage capacity of minimum 3.2 Ltr and 0.9 Ltr with use of non CFC refrigerant , cooling capacity minimum 2.5 Ltr/hr , heating capacity minimum 5 Ltr/hr, LED indicator and 3 Faucets (Normal/Hot/Cold) mode function with 02 nos 20 Ltr water can etc complete as required.	1	Each	15383.75	15383.75	INR Fifteen Thousand Three Hundred & Eighty Three and Paise Seventy Five Only
39.00	Supply and fixing of the 25 Amp, Double Pole MCB of 240/415 Volts, 'C' curve type, having breaking capacity of 10 kA, with suitable MCB MS enclosure complete with interconnections, testing and commissioning etc. complete as reqd.	6	Each	198.50	1191.00	INR One Thousand One Hundred & Ninety One Only
40.00	Supplying and fixing following size/ modules, PVC box along with modular base & cover plate for modular switches, socket in recess etc as required. a) 1 or 2 Module (75 mm x 75 mm)	3	Each	29.78	89.34	INR Eighty Nine and Paise Thirty Four Only
41.00	Supplying and fixing following size/ modules, PVC box along with modular base & cover plate for modular switches, socket in recess etc as required. b) 4 Module (125 mm x 75 mm)	4	Each	59.55	238.20	INR Two Hundred & Thirty Eight and Paise Twenty Only
42.00	Supplying and fixing following size/ modules, PVC box along with modular base & cover plate for modular switches, socket in recess etc as required. c) 6 Module (200 mm x 75 mm)	10	Each	59.55	595.50	INR Five Hundred & Ninety Five and Paise Fifty Only
43.00	Supplying and fixing following size/ modules, PVC box along with modular base & cover plate for modular switches, socket in recess etc as required. d) 6 Pin 6/16 amps Twin module socket outlet	10	Each	148.88	1488.80	INR One Thousand Four Hundred & Eighty Eight and Paise Eighty Only

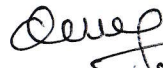

 01/09/2023
 सहा. नि. प्र. (आ. वि. प्र.) AGM (E-E)
 भा. वि. प्र. / A.A.I.
 बिरसी विमानतल, गोंदिया
 Birsi Airport, GONDIA

NUMBER #	TEXT #	NUMBER #	TEXT #	NUMBER #	NUMBER #	TEXT #
Sl. No.	Item Description	Quantity	Units	BASIC RATE Excluding GST and including all taxes In Figures To be entered by the Bidder Rs. P	TOTAL AMOUNT Excluding GST and including all Taxes in Rs. P	TOTAL AMOUNT In Words
1	2	3	4	5	6	7
44.00	Supplying and fixing of 8 way (8 + 24), Double door vertical type three pole and neutral, sheet steel, MCB distribution board, 415 V, on surface/ recess, complete with tinned copper bus bar, neutral bus bar, earth bar, din bar, interconnections, powder painted including earthing etc. as required. (But without MCB/RCCB/Isolator)	2	Each	6947.50	13895.00	INR Thirteen Thousand Eight Hundred & Ninety Five Only
45.00	Supplying and fixing of following way, Single pole and neutral (SPN), Metallica MCB distribution board, 240 V, on surface/ recess, complete with tinned copper bus bar, neutral bus bar, earth bar, din bar, interconnections, powder painted including earthing etc. as required. (But without MCB/RCCB/Isolator) a) 8 way, SPN DB	2	Each	1240.63	2481.26	INR Two Thousand Four Hundred & Eighty One and Paise Twenty Six Only
46.00	Supplying and fixing of following way, Single pole and neutral (SPN), Metallica MCB distribution board, 240 V, on surface/ recess, complete with tinned copper bus bar, neutral bus bar, earth bar, din bar, interconnections, powder painted including earthing etc. as required. (But without MCB/RCCB/Isolator) b) 12 way, SPN DB	2	Each	1538.38	3076.76	INR Three Thousand & Seventy Six and Paise Seventy Six Only
47.00	Supplying and fixing 100A rating, 240/415 V, 10 kA, "C" curve, 4 Pole MCCB suitable for inductive load in the existing MCB DB complete with connections, testing and commissioning etc. as required.	2	Each	5458.75	10917.50	INR Ten Thousand Nine Hundred & Seventeen and Paise Fifty Only
48.00	Supply and fixing of the 100 Amp, Four Pole MCCB of 240/415 Volts, 'C' curve type, having breaking capacity of 36 kA, with suitable MCCB MS enclosure complete with interconnections, testing and commissioning etc. complete as reqd.	4	Each	5006.17	20024.68	INR Twenty Thousand & Twenty Four and Paise Sixty Eight Only
49.00	Supplying and fixing 63A rating, 240/415 V, 10 kA, "C" curve, DP miniature circuit breaker suitable for inductive load in the existing MCB DB complete with connections, testing and commissioning etc. as required.	4	Each	694.75	2779.00	INR Two Thousand Seven Hundred & Seventy Nine Only
50.00	Supplying and fixing of 40 Amp rating, Two pole, (one phase and neutral), 415/240 volts, residual current breaker with overload protection (RCBO), having a sensitivity current 100 mA in the existing MCB DB complete with connections, testing and commissioning etc. as required.	2	Each	3970.00	7940.00	INR Seven Thousand Nine Hundred & Forty Only
51.00	Supplying and fixing 5 A to 32 A rating DP MCB, 240/415 V, 10 kA, "C" curve, miniature circuit breaker suitable for inductive load of following poles in the existing MCB DB complete with connections, testing and commissioning etc. as required.	45	Each	138.95	6252.75	INR Six Thousand Two Hundred & Fifty Two and Paise Seventy Five Only
52.00	Supplying and fixing single pole blanking plate in the existing MCB DB complete etc. as required.	12	Each	9.93	119.16	INR One Hundred & Nineteen and Paise Sixteen Only
53.00	Supply of 20 watt surface and wall mounted LED batten (4 ft) with polycarbonate housing & integrated electronic driver i/c pre-wired, complete with all accessories and tube etc. directly on ceiling/ wall etc. as required.	20	Each	397.00	7940.00	INR Seven Thousand Nine Hundred & Forty Only
54.00	Installation, testing and commissioning of pre-wired, LED fitting / compact fluorescent fitting of all types, complete with all accessories and tube etc. directly on ceiling/ wall, including connection with 1.5 Sq.mm FRLS PVC insulated, copper conductor, single core cable and earthing etc. as required.	20	Each	9.93	198.60	INR One Hundred & Ninety Eight and Paise Sixty Only
55.00	Supply of 45 Watt LED type Road/ Street light with minimum protection level IP 66, pressure die cast housing with epoxy power coated prismatic poly carbonate cover with individual LED lenses and complete assembly with LED, driver and accessories pre-wired up to terminal block i/c suitable mounting accessories etc. as required.	10	Each	3970.00	39700.00	INR Thirty Nine Thousand Seven Hundred Only
56.00	Fixing of LED street light fitting on pole / wall including bending the suitable size GI pipe to the required shape, iron clamps with nuts, bolts and washer, painting the flat iron with primer and finish paint including connection with 1.5 Sq.mm PVC insulated copper conductor single core cable, testing and commissioning complete as required.	10	Each	9.93	99.30	INR Ninety Nine and Paise Thirty Only
57.00	Supply of BLDC ceiling Fan with remote control, 1200 mm sweep suitable for 230 volt, with 30 cm down rod and other accessories, canopies, etc. as required.	4	Each	2977.50	11910.00	INR Eleven Thousand Nine Hundred & Ten Only
58.00	Installation, testing and commissioning of ceiling fan, including wiring the down rods of standard length (upto 30 cm) with 1.5 Sq.mm FRLS PVC insulated, copper conductor, single core cable etc. as required.	4	Each	9.93	39.72	INR Thirty Nine and Paise Seventy Two Only

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1	2	3	4	5	6	7
59.00	Supply and Installation of Weather proof IP 65 Cable junction box for 4X 4 Sq mm armoured cable with Connector and 32 Amp DP MCB for connection complete etc as required.	2	Each	992.50	1985.00	INR One Thousand Nine Hundred & Eighty Five Only
60.00	Supply and fixing of 12 W fully Automatic Emergency LED Light having back up time of 3 hours complete with standard accessories all as required. Make: Prolite or AAI approved make list.	8	Each	3473.75	27790.00	INR Twenty Seven Thousand Seven Hundred & Ninety Only
61.00	Supply of Aluminium wall supporting extension ladder made out of C section and steps of Aluminium corrugated tubing fitted with heavy duty safety lock, 12 feet, pully, rope and rubber pads at bottom and upper ends.	2	Each	29775.00	59550.00	INR Fifty Nine Thousand Five Hundred & Fifty Only
62.00	Supply and Installation of Astro Mini time switch suitable for single phase 240V AC for lighting control based on sunrise/sunset timings by latitude/longitude settings.	2	Each	3970.00	7940.00	INR Seven Thousand Nine Hundred & Forty Only
63.00	Supply and fixing of LED Aviation light luminare(Integral LED aviation light comprising of aluminium housing with polycarbonate enclosure) i/c connection, suitable for 230volts AC, make Bajaj Mode No: BGAV 302 LED or AAI approved list.	4	Each	4466.25	17865.00	INR Seventeen Thousand Eight Hundred & Sixty Five Only
64.00	SITC of 4 pole, 100 amp, 415 Volts, Auto and Manual changeover (bypass arrangement) system along with its controller and MS enclosure, with complete protection including connecting existing I/P & O/P cables / wires complete etc. as required. Make: Havells, Cat No. IHYFCDE100, HSN Code. 8537 or equivalent as per AAI approved make.	2	Each	49625.00	99250.00	INR Ninety Nine Thousand Two Hundred & Fifty Only
65.00	SITC of 63 Amp, DP MCB changeover with MS enclosure, suitable for 415 Volt AC complete etc. as required. Make: L&T, cat No. AUC00206300.	4	Each	1985.00	7940.00	INR Seven Thousand Nine Hundred & Forty Only
66.00	SITC of 5 KVA capacity modular N+1 type online UPS (microprocessor based) having single phase AC input of voltage range 160 volt to 260 volt at 50Hz $\pm$ 3Hz and single phase AC output of voltage range 230 volt $\pm$ 1% at 50Hz $\pm$ 1%, having battery bank composed of advance glass mat valve regulated sealed lead acid battery construction in ABS flame retardant grade spill containment casing with battery backup of 60 minutes.	4	Job	223312.50	893250.00	INR Eight Lakh Ninety Three Thousand Two Hundred & Fifty Only
67.00	Supply of 1.5 TR Eco-friendly refrigerant Split Inverter type Air Conditioner of having nominal cooling capacity 1.5/4500, 5 Star BEE rating, conforming to IS:1391 with copper coil, 10ft copper pipe, suitable copper cable, 5 years warranty on compressor and 1 year warranty on machine etc. complete as required.	12	Each	43670.00	524040.00	INR Five Lakh Twenty Four Thousand & Forty Only
68.00	Supply and fixing of smart controller / Timer with 4 hr / 8 hr duration, 25A capacity, having OV & UV indication / protection suitable for AC power supply 240 V, 50 Hz. etc. complete as required.	6	Each	1985.00	11910.00	INR Eleven Thousand Nine Hundred & Ten Only
69.00	Installation, Testing & Commissioning of 1.5 TR Eco-friendly refrigerant Split Inverter Air Conditioner etc. complete as required.	12	Each	99.25	1191.00	INR One Thousand One Hundred & Ninety One Only
70.00	Supplying and fixing of floor mounted MS angle Stand (1.5 feet height) suitable for mounting 1.5Tr split AC outdoor unit including painting etc complete as required.	12	Each	99.25	1191.00	INR One Thousand One Hundred & Ninety One Only
71.00	Providing of extra refrigerant piping, cabling (More than standard length), insulating with foam between indoor and outdoor units etc. as required.	60	Meter	198.50	11910.00	INR Eleven Thousand Nine Hundred & Ten Only
72.00	Providing and fixing of extra drain CPVC / UPVC pipe for condensate water from indoor unit to nearest drain point etc. as required.	40	Meter	24.81	992.40	INR Nine Hundred & Ninety Two and Paise Forty Only
73.00	SITC of Dehumidifier with extraction capacity minimum 30 liters/day, in-built tank capacity minimum 6 Liters and provision of drain pipe etc. complete as required.	2	Each	36226.25	72452.50	INR Seventy Two Thousand Four Hundred & Fifty Two and Paise Fifty Only
74.00	SITC of 1 loop fire alarm system control panel with loop card (each loop card having facility to accommodate at least 99 detectors and 99 modules), 80 character display unit, power supply unit, sealed maintenance free batteries for 24 hours backup, Auto dialer facility with 20 nos dialer, web server PCB for IP connectivity etc. complete as required. Make: Honeywell.	2	Each	138950.00	277900.00	INR Two Lakh Seventy Seven Thousand Nine Hundred Only
75.00	SITC of analogue addressable photo electric type smoke detector. Make: Honeywell	20	Each	2977.50	59550.00	INR Fifty Nine Thousand Five Hundred & Fifty Only
76.00	SITC of analogue addressable manual call point. Make: Honeywell	6	Each	4573.44	27440.64	INR Twenty Seven Thousand Four Hundred & Forty and Paise Sixty Four Only
77.00	SITC of flasher type sounder unit. Make: Honeywell	2	Each	6193.20	12386.40	INR Twelve Thousand Three Hundred & Eighty Six and Paise Forty Only


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NUMBER #	TEXT #	NUMBER #	TEXT #	NUMBER #	NUMBER #	TEXT #
Sl. No.	Item Description	Quantity	Units	BASIC RATE Excluding GST and including all taxes In Figures To be entered by the Bidder Rs. P	TOTAL AMOUNT Excluding GST and including all Taxes in Rs. P	TOTAL AMOUNT In Words
1	2	3	4	5	6	7
78.00	SITC of Aerosol based automatic fire extinguishing system of ROHS compliant human safe fire suppression media, Discharge time: 47 Sec., Total weight: 12.5 kg, along with its integration with fire alarm control panel.	2	Each	39700.00	79400.00	INR Seventy Nine Thousand Four Hundred Only
79.00	SITC of Manual abort pull type station	4	Each	4549.62	18198.48	INR Eighteen Thousand One Hundred & Ninety Eight and Paise Forty Eight Only
80.00	SITC of Manual release type pull station	4	Each	4549.62	18198.48	INR Eighteen Thousand One Hundred & Ninety Eight and Paise Forty Eight Only
81.00	SITC of 4.5kg ABC dry type automatic fire extinguisher with sprinkler head for spot type protection i/c mounting accessories etc complete as required.	8	Each	2977.50	23820.00	INR Twenty Three Thousand Eight Hundred & Twenty Only
82.00	SITC of 3 HP, IE4 Bore well Submersible Pump, 30 Stage, Water Filled, Three Phase, 415 Volt, 2880 RPM, Delivery size- 32 MM, Head Range- 24 to 207 Meters, Discharge Range- 66 to 15 LPS.	1	Set	43670.00	43670.00	INR Forty Three Thousand Six Hundred & Seventy Only
83.00	SITC of Control Panel with VFD, single Phase Preventer with DOL Starter (Double door MS enclosure for outdoor) suitable for 3 phase, 415 volts, IE4, 3 HP Bore well Submersible Pump, complete etc as required.	1	Set	2481.25	2481.25	INR Two Thousand Four Hundred & Eighty One and Paise Twenty Five Only
84.00	Supply & fixing of 2" Column pipe along with adapter for 3 HP Bore well Submersible Pump complete etc as required.	60	Meter	198.50	11910.00	INR Eleven Thousand Nine Hundred & Ten Only
85.00	Supply of Nylon Rope (10mm) for lifting & lowering of submersible motor pump.	65	Meter	9.93	645.45	INR Six Hundred & Forty Five and Paise Forty Five Only
86.00	Supply of following sizes Flat Three Core PVC Insulated & PVC Sheathed Industrial Copper Cable for Submersible Pump Motors for working voltage 1.1 KV grade & as per IS: 694, complete etc as required. a) 3 core 4 Sqmm	65	Meter	99.25	6451.25	INR Six Thousand Four Hundred & Fifty One and Paise Twenty Five Only
87.00	Dismantling and Re-Installation, testing & commissioning of PAPI by assembling various parts/ accessories such as light fixtures, lamps, isolating transformers, cables on the existing foundation, levelling if required, alignment of light beams, calibration, connections, pre-commissioning tests etc as per recommendation of OEMs etc as per particular specification enclosed.	4	Job	1985.00	7940.00	INR Seven Thousand Nine Hundred & Forty Only
88.00	Providing and laying in position cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size) in foundation of pump, DG set etc including form work etc as required.	100	Cum	1985.00	198500.00	INR One Lakh Ninety Eight Thousand Five Hundred Only
Total in Figures					14390217.39	
Quoted Rate in Words		INR One Crore Forty Three Lakh Ninety Thousand Two Hundred & Seventeen and Paise Thirty Nine Only				


 01/05/23
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