



भारतीय विमानपत्तन प्राधिकरण  
जयप्रकाश नारायण अंतर्राष्ट्रीय विमानपत्तन पटना  
AIRPORTS AUTHORITY OF INDIA  
J.P.N.I AIRPORT, PATNA

संदर्भ सं. AAI/ER/PAT/AGM (E-E)/AMC-Operational/W.O-01/2020-21/

दि. - 19/06/2020

स्पीड पोस्ट

प्रति,

To,

मैसर्स जतिंदर कंस्ट्रक्शन कंपनी प्रा. लि.,

M/s. Jatinder Construction Company Pvt. Ltd.,

पहली मंजिल रघुनाथ मार्केट,

1<sup>st</sup> Floor Raghunath Market, Near Telephone

एक्सचेंज, पठानकोट,

Exchange, Pathankot,

पंजाब - 145001

Punjab - 145001.

**विषय-** " एनुअल मेंटेनेन्स कॉन्ट्रैक्ट ऑफ इलेक्ट्रीकल एण्ड मैकेनिकल इन्स्टॉलेशन फॉर औपरेशनल/टी.

बी. एरिया ऐट जे.पी.एन.आई. हवाई अड्डा, पटना। (For the year 2020-2022).I"

"Annual Maintenance Contract of Electrical & Mechanical Installations for Operational/TB Area at J.P.N.I. Airport, Patna. (For the year 2020-2022).

**संदर्भ -** दिनांक-18/06/2020 को भाविप्रा की ई-निविदा क्र: 2020\_AAI\_45553\_1की खोली गई वित्तीय बोली। Financial Bid opened on 18/Jun/2020 for AAI's E-tender ID: 2020\_AAI\_45553\_1

महोदय/Sir,

1. ऊपर उल्लेखित कार्य हेतु आपकी ई-निविदा अध्यक्ष, भारतीय विमानपत्तन प्राधिकरण की ओर से स्वीकृत की जाती हैं, आपके द्वारा बताए गए मद मूल्यों/प्रतिशत मूल्य पर आपकी ई-निविदा राशि कुल रु. 1,36,55,555/- (रुपये एक करोड़ छत्तीस लाख पचपन हजार पाँच सौ पचपन मात्र) (जी.एस.टी. के अतिरिक्त) हैं। जो कि ई-निविदा की अनुमानित लागत राशि रु. 1,65,97,713/- से 17.73% कम हैं।

Your e-tender for the work mentioned above is hereby accepted on behalf of Chairman, Airports Authority of India, at the item rates /percentage rate quoted by you totaling to **Rs. 1,36,55,555/-** (Rupees One Crore Thirty Six Lakh Fifty Five Thousand Five Hundred and Fifty Five Only) (excluding GST). which is 17.73% below the estimated cost put to e-tender of Rs. 1,65,97,713/-.

2. सं.महाप्रबंधक(अभि-सि.), भाविप्रा, ज.प्र.ना.अं विमानतल,पटना कार्य के प्रभारी अभियंता होंगे। आपसे निवेदन है कि आप करारनामे पर हस्ताक्षर करने एवं करारनामे को पूरा करने के लिए दि.-30/06/2020 तक सं.महाप्रबंधक (अभि-सि.), भाविप्रा, ज.प्र.ना. अं विमानतल, पटना के कार्यालय में उपस्थित हो। ठेके का करारनामा रु.100/- (सौ रुपए मात्र) के नोनज्युडिशियल स्टैम्प पेपर पर निष्पादित किया जाएगा, तथा स्टैम्प पेपर का खर्च आपके द्वारा वहन किया जाएगा।

Jt.G Manager (E-C), AAI, JPNI Airport, Patna, shall be the Engineer-in-charge of the work. You are requested to attend the office of Jt.G Manager (E-C), AAI, JPNI Airport, Patna by 30.06.2020 to sign and complete the contract 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.

जारी / Contd.....

Vijay Singh  
19/6/20  
AAI LGD



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अनवरत पृष्ठ / Continuation sheet..

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3. इस पत्र के जारी होने की तिथि से 10 दिनों के भीतर जमानत राशि **₹.13,65,555/-** (तेरह लाख पैसठ हजार पाँच सौ पचपन मात्र) जमा करें, अन्यथा ठेके के दस्तावेज पृष्ठ 16 पर दी गई शर्त खंड 1(क) के अनुसार उक्त राशि काट ली जायेगी।

Please Deposit **Rs 13,65,555/- (Rupees Thirteen Lakh Sixty Five Thousand Five Hundred Fifty Five Only)**, towards Security Deposit within 10 days from the date of issue of this letter, failing which, the same will be deducted as per clause 1(A) of clauses of contract on page no. 16 of the contract document,

आपसे निवेदन है कि आप केंद्रीय और राज्य सरकारों के 1970 के अधिनियम अनुबंध श्रम नियम तथा 1971 के केंद्रीय नियम अनुबंध श्रम नियम (नियमन तथा उन्मूलन) एवं केंद्र तथा राज्य सरकार के न्यूनतम वेतन अधिनियम और 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 and Abolition) Central rules 1971 and minimum wages act and rules thereof Central and State Governments.

4. आपको निर्देश दिया जाता है कि आप तुरंत सह. महाप्रबंधक (अभि-वि.), भाविप्रा ज.प्र.ना.अं विमानतल, पटना से मिलें, जो आपको साइट सौंपने की व्यवस्था करेंगे।

You are also directed to contact AGM(Engg.-E), AAI, J.P.N.I, Airport, Patna immediately who will arrange to hand over the site to you.

5. कृपया नोट कर लें कि काम करने का अनुमत समय **24 महीना** है जो कि दिनांक **01/07/2020** से गिना जाएगा।

Please note that the time allowed for carrying out the work shall be **24 month** and same shall be reckoned from the dated **01/07/2020**.

6. इस ठेके के संबंध में आगे कोई भी पत्राचार समान्यतः सं. महाप्रबंधक(अभि-सि.), भाविप्रा, ज.प्र.ना.अं विमानतल, पटना के पते पर किया जाएगा।

Any further correspondence in connection with the contract should normally be addressed to the Jt. Gen. Manager (E-C), AAI, J.P.N.I Airport, Patna - 800014.

जारी / Contd.....



अनवरत पृष्ठ / Continuation sheet..

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7. कृपया पावती दें और स्वीकृति के रूप में इस पत्र के साथ संलग्न प्रतिलिपी पर हस्ताक्षर कर अधोहस्ताक्षरी को वापस करें ।

Please acknowledge the receipt and return the duplicate copy of this letter enclosed herewith after signing it to the undersigned as a token of acceptance.

धन्यवाद,

भवदीय

*Vivek Kumar Singh*  
19/11/10  
(विवेक कु सिंह)

(Vivek Kumar Singh)

सहायक महाप्रबंधक (अभि-वि.)

AGM (Engg. -Elect.)

अध्यक्ष, भाविप्रा, की ओर से

On behalf of Chairman, AAI

पटना विमानतल, पटना

Patna Airport, Patna.

संलग्नक -

Schedule of Quantities – 01 Page

| <p>Government eProcurement System<br/> Created By: VIVEK KUMAR SINGH<br/> Created Date/Time: 18-Jun-2020 02:02 PM<br/> Tender ID: 2020_AAL_45553_1</p> <p><b>Tender Title: Annual Maintenance Contract of Electrical and Mechanical Installations for Operational Area and TB at JPNI Airport Patna</b></p> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |     |       |        |         |  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-------|--------|---------|--|
| Tender Inviting Authority: Airport Authority of India, JPNI Airport Patna                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |     |       |        |         |  |
| Name of Work: Annual Maintenance Contract of Electrical & Mechanical Installations for Operational/TB Area at J.P.N.I. Airport, Patna. (For the year 2020-2022).                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |     |       |        |         |  |
| SCHEDULE OF WORK / ITEM(S)                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |     |       |        |         |  |
| Sl.No                                                                                                                                                                                                                                                                                                       | Description of Work / Item(s)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Qty | Units | Rate   | Amount  |  |
| 1                                                                                                                                                                                                                                                                                                           | Providing maintenance Services of Electrical and Mechanical Installations including Fire Alarm & Fire Hydrant System for Operational area, Terminal Building, GLF Systems, lightings etc including MT Pool, Fire Station, Nav-Aid Buildings, Perimeter lights, Apron Flood lights, Elevator, EMD Offices, Office Areas etc. covering the scope of operation, preventive and breakdown maintenance, ensuring serviceability, satisfactory working condition of the system, preventive maintenance on daily, weekly, monthly, quarterly, half yearly and yearly basis, maintenance of records, documents etc. by engaging manpower round the clock basis and as per details mentioned in Special Condition of Contract. |     |       |        |         |  |
| 1.1                                                                                                                                                                                                                                                                                                         | 1st Year (Yr. 2020-21)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 12  | Month | 550000 | 6600000 |  |
| 1.2                                                                                                                                                                                                                                                                                                         | 2nd Year (Yr. 2021-22)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 12  | Month | 553000 | 6636000 |  |
| 2                                                                                                                                                                                                                                                                                                           | Rewinding of the following with Cu-winding wires of required size including less for dismantled copper wire etc. as reqd. etc. as required (Dismantle cu-wire need not to return).                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |     |       |        |         |  |
| 2.1                                                                                                                                                                                                                                                                                                         | Ceiling fans (1200mm/1400mm)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 40  | Nos.  | 200    | 8000    |  |
| 2.2                                                                                                                                                                                                                                                                                                         | Exhaust fans 450 mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 10  | Nos.  | 250    | 2500    |  |
| 2.3                                                                                                                                                                                                                                                                                                         | Exhaust fans (225mm/300 mm)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 20  | Nos.  | 200    | 4000    |  |
| 2.4                                                                                                                                                                                                                                                                                                         | wall fans/pedestal fans upto 450mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 60  | Nos.  | 200    | 12000   |  |
| 2.5                                                                                                                                                                                                                                                                                                         | Replacement of bearing for above fans                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 100 | Nos.  | 50     | 5000    |  |
| 3                                                                                                                                                                                                                                                                                                           | Lifting, repairing and lowering of 1 H.P. submersible pump motor set i/c column pipe, cable, jointing of submersible cable and sealing of pump motor with sealant material, testing commissioning etc complete as reqd.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 3   | Job   | 2000   | 6000    |  |

|     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |     |          |      |       |
|-----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|----------|------|-------|
| 4   | Rewinding of burnt motor of submersible pump motor set size 1 HP with suitable size of Cu-winding wires including sealing of pump motor with sealant material, testing etc. as required. ( Burnt Cu Wire need not to return )                                                                                                                                                                                                                                                                       | 3   | Job      | 1000 | 3000  |
| 5   | Rubbing, cleaning & painting of feeder pillars/ electrical Panels/DBs/Fire Hydrant Boxes etc with one coat of red oxide and one or more coat of high gloss synthetic enamel paint of any colour as approved by Engineer-in-charge .etc. complete as reqd.                                                                                                                                                                                                                                           | 100 | sqmtr    | 100  | 10000 |
| 6   | Painting of electrical Runway/Taxi/Approach light fittings including base plate with two coats of synthetic enamelled paint of approved make in yellow colour to give an even shade including numbering of fittings in black colour etc complete as required.                                                                                                                                                                                                                                       | 325 | Each     | 20   | 6500  |
| 7   | Supplying and fixing first-aid Hose Reel with MS construction spray painted in post office red, conforming to IS 884 complete with the following as required.<br>a) 20 mm nominal internal dia water hose thermoplastic (Textile enforced) type -2 as per IS: 12585<br>b) 20 mm nominal internal dia gun metal globe valve & nozzle.<br>c) Drum and brackets for fixing the equipments on wall.<br>d) Connections from riser with 25 mm dia stop gun metal valve & M.S. Pipe and socket.<br>(i) 30m | 3   | Each     | 1000 | 3000  |
| 8   | All inclusive Comprehensive maintenance of 2, 3 & 4 feet Air-curtain available at different location of Terminal Building i/c replacement of required accessories such as bearing, bushes, fan blades etc. with rewinding of fan motors ,servicing & cleaning of all air-curtains once in a month, testing, making ensure serviceability all the time etc complete as required.                                                                                                                     |     |          |      |       |
| 8.1 | For 1st Year (Yr. 2020-21)                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 15  | Job/Year | 1000 | 15000 |
| 8.2 | For 2nd Year (Yr. 2021-22)                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 15  | Job/Year | 1000 | 15000 |

|      |                                                                                                                                                                                                                                                                                                                                                                       |     |       |     |       |
|------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-------|-----|-------|
| 9    | Wiring for light point/ fan point/ exhaust fan point/ call bell point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable in surface / recessed medium class PVC conduit, with modular switch, modular plate, suitable GI box and earthing the point with 1.5 sq.mm. FR PVC insulated copper conductor single core cable etc as required.<br>Group B | 50  | Point | 250 | 12500 |
| 10   | Wiring for circuit/ submain wiring alongwith earth wire with the following sizes of FRLS PVC insulated copper conductor, single core cable in surface/ recessed medium class PVC conduit as required                                                                                                                                                                  |     |       |     |       |
| 10.1 | 2 X 1.5 sq. mm + 1 X 1.5 sq. mm earth wire                                                                                                                                                                                                                                                                                                                            | 200 | Metre | 35  | 7000  |
| 10.2 | 2 X 2.5 sq. mm + 1 X 2.5 sq. mm earth wire                                                                                                                                                                                                                                                                                                                            | 200 | Metre | 50  | 10000 |
| 10.3 | 2 X 4 sq. mm + 1 X 4 sq. mm earth wire                                                                                                                                                                                                                                                                                                                                | 400 | Metre | 70  | 28000 |
| 10.4 | 4 X 4 sq. mm + 2 X 4 sq. mm earth wire                                                                                                                                                                                                                                                                                                                                | 100 | Metre | 100 | 10000 |
| 10.5 | 2 X 6 sq. mm + 1 X 6 sq. mm earth wire                                                                                                                                                                                                                                                                                                                                | 100 | Metre | 120 | 12000 |
| 11   | Supplying and drawing following sizes of FRLS PVC insulated copper conductor, single core cable in the existing surface/ recessed steel/ PVC conduit as required.                                                                                                                                                                                                     |     |       |     |       |
| 11.1 | 1 x 1.5 sq. mm                                                                                                                                                                                                                                                                                                                                                        | 200 | Mtr   | 15  | 3000  |
| 11.2 | 3 x 1.5 sq. mm                                                                                                                                                                                                                                                                                                                                                        | 100 | Mtr   | 50  | 5000  |
| 11.3 | 3 x 2.5 sq. mm                                                                                                                                                                                                                                                                                                                                                        | 100 | Mtr   | 100 | 10000 |
| 11.4 | 3 x 4 sq. mm                                                                                                                                                                                                                                                                                                                                                          | 100 | Mtr   | 120 | 12000 |
| 12   | Supplying and fixing of following sizes of medium class PVC conduit along with accessories in surface/recess including cutting the wall and making good the same in case of recessed conduit as required.                                                                                                                                                             |     |       |     |       |
| 12.1 | 20 mm                                                                                                                                                                                                                                                                                                                                                                 | 200 | Mtr   | 40  | 8000  |
| 12.2 | 25 mm                                                                                                                                                                                                                                                                                                                                                                 | 100 | Mtr   | 50  | 5000  |
| 13   | Supplying and fixing following modular switch/ socket on the existing modular plate & switch box including connections but excluding modular plate etc. as required.                                                                                                                                                                                                  |     |       |     |       |
| 13.1 | 5/6 amps switch                                                                                                                                                                                                                                                                                                                                                       | 100 | Each  | 50  | 5000  |
| 13.2 | 15/16 amp switch                                                                                                                                                                                                                                                                                                                                                      | 80  | Each  | 100 | 8000  |
| 13.3 | 3 pin 5/6 amp socket outlet                                                                                                                                                                                                                                                                                                                                           | 100 | Each  | 50  | 5000  |
| 13.4 | 6 pin 15/16 amp socket outlet                                                                                                                                                                                                                                                                                                                                         | 80  | Each  | 100 | 8000  |

|      |                                                                                                                                                                                                                                                                                                                                 |     |      |        |          |  |
|------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|------|--------|----------|--|
| 14   | Supplying and fixing following size/ modules, GI box alongwith modular base & cover plate for modular switches in recess etc as required.                                                                                                                                                                                       |     |      |        |          |  |
| 14.1 | 3 Module (100mmX75mm)                                                                                                                                                                                                                                                                                                           | 20  | Each | 50     | 1000     |  |
| 14.2 | 6 Module (200mmX75mm)                                                                                                                                                                                                                                                                                                           | 15  | Each | 100    | 1500     |  |
| 14.3 | 8 Module (125mmX125mm)                                                                                                                                                                                                                                                                                                          | 10  | Each | 100    | 1000     |  |
| 14.4 | 12 Module (200mmX150mm)                                                                                                                                                                                                                                                                                                         | 10  | Each | 100    | 1000     |  |
| 15   | Supplying and fixing following way, single pole and neutral, sheet steel, MCB distribution board, 240 volts, 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)                |     |      |        |          |  |
| 15.1 | 6 way, Double door                                                                                                                                                                                                                                                                                                              | 6   | Each | 2000   | 12000    |  |
| 15.2 | 12 way, Double door                                                                                                                                                                                                                                                                                                             | 4   | Each | 4000   | 16000    |  |
| 16   | Supplying and fixing following way, horizontal type three pole and neutral, sheet steel, MCB distribution board, 415 volts, 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) |     |      |        |          |  |
| 16.1 | 4 way (4 + 12), Double door                                                                                                                                                                                                                                                                                                     | 4   | Each | 1000   | 4000     |  |
| 16.2 | 8 way (4 + 24), Double door                                                                                                                                                                                                                                                                                                     | 3   | Each | 2000   | 6000     |  |
| 17   | Earthing with G.I. earth pipe 4.5 metre long, 40 mm dia including accessories, and providing masonry enclosure with cover plate having locking arrangement and watering pipe etc. with charcoal/ coke and salt as required.                                                                                                     | 10  | Set  | 5000   | 50000.00 |  |
| 18   | Providing and laying earth connections, from earth electrode with 6SWG dia, G.I wire in 15mm dia G.I pipe from earth electrode as required.                                                                                                                                                                                     | 100 | Mtr  | 200.00 | 20000    |  |
| 19   | Providing and fixing 6 SWG dia G.I. wire along with UG cable in HDPE/GI/DWC Pipe etc complete as required.                                                                                                                                                                                                                      | 200 | Mtr  | 20     | 4000     |  |
| 20   | Supplying and fixing following size/ modules, PVC box alongwith modular base & cover plate for modular switches in recess etc. as required.                                                                                                                                                                                     |     |      |        |          |  |
| 20.1 | 3 Module                                                                                                                                                                                                                                                                                                                        | 25  | Each | 50     | 1250     |  |
| 20.2 | 6 Module                                                                                                                                                                                                                                                                                                                        | 20  | Each | 60     | 1200     |  |

|    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |      |        |      |       |
|----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|--------|------|-------|
| 21 | Laying of 1 no. PVC insulated and PVC sheathed stranded copper conductor airfield lighting cable of grade exceeding 1.1 KV but not exceeding 5 KV of size not exceeding 16 sqmm in the existing masonry open duct/pipe etc as required.                                                                                                                                                                                                                                                                                | 1000 | Mtr    | 10   | 10000 |
| 22 | Supply of one packet (25 kg) fosroc Conbextra GP2 Compound for filled up gap for inset fitting on runway.                                                                                                                                                                                                                                                                                                                                                                                                              | 20   | Packet | 250  | 5000  |
| 23 | Supply and fixing 20 amps, 240 volts, SPN industrial Modular type, socket outlet with plug top along with 20 amps "C" curve, SP MCB, in sheet steel enclosure, on surface or in recess with connections, testing and commissioning etc. as required.                                                                                                                                                                                                                                                                   | 15   | Each   | 1000 | 15000 |
| 24 | Excavation for cable trenches in soft soil, depth upto 1.2 m including refilling of soil, dressing of sides i/c ramming, watering and getting out of disposal of surplus excavated soil as directed, within a lead of 50 metres.                                                                                                                                                                                                                                                                                       | 120  | Cum    | 100  | 12000 |
| 25 | Installation, testing and commissioning of inset fitting of approach light/threshold light/runway edge light fixtures upon runway i/c cutting the concrete/ bitumen pavement to required level with core cutting machine, installation the inset fitting with help of jigs, filling the bottom and side with sealant DOBEFIL 60/Hardner mixture, making connection with secondary lead to isolating transformers, levelling, alignment etc complete as required as per ICAO specification and as per site requirement. | 5    | Job    | 4021 | 20105 |

Signature Not Verified

Digitally signed by VIVEK KUMAR SINGH  
Date: 2020.07.02 17:52:09 IST  
Location: eProcurement System for  
Central PSUs

(Total Ruppess:- One Crore Thirty Six Lakh fifty five Thousands and five Hundred fifty five only)

Rs. 136555555.00

very very  
19/06/20  
AM/ED