

संदर्भ सं.: भा.वि.प्रा./BBSR/ संयुक्त महाप्रबंधक (अभि - विद्युत)/WO-11/2020-21/3346-SS

दिनांक: 31.08.2020

01-09

सेवा में/To,

मेसर्स मनीष इलेक्ट्रिकल्स,

M/s Manish Electricals,

कल्पना नगर, नियर ७ न. चौराहा

Kalpana Nagar, Near 7 No. Chouraha,

मोरार, ग्वालियर-४७४००६

Morar, Gwalior-474006

# हाथ द्वारा / By Speed Post #

**कार्य का नाम:** एनुअल मेंटेनेंस जब कंट्रैक्ट अफ इ एंड एम् इन्स्टालेशंस फर जी.एल.एफ सिस्टम्स, नाव-एड्स, ए.टी.सी बिल्डिंग एंड एसोसिएटेड एरियाज एट बी.पी.आई एयरपोर्ट, भुवनेस्वर ।

**Name of Work:** Annual Maintenance job contract of E & M installations for GLF Systems, NAV-AIDS, ATC Building and associated areas at B.P. International Airport, Bhubaneswar.

महोदय/Dear Sir(s),

**Ref:** Your e-Tender opened dated 18.08.2020 for Tender ID No. 2020\_AAI\_52687\_1.

- उपरोक्त कार्य के लिए आपकी निविदा अध्यक्ष, भारतीय विमानपत्तन प्राधिकरण की ओर से आप द्वारा उद्धरित मद दर जिसकी कुल राशि रु. २,०२,७१,१८८.०० (दो करोड़ दो लाखों इकहतर हजार एक सौ अट्ठासी रुपये मात्र) जीएसटी को छोड़कर जो कि निविदा की अनुमानित लागत रु. २,४५,६९,६९२.०० से १७.५०% कम है, स्वीकृत की जाती है।

Your e-Tender for the work mentioned above is hereby accepted on behalf of Chairman, Airports Authority of India, at item rates quoted by you totaling to Rs.2,02,71,188.00 (Rupees Two Crore Two Lacs Seventy One Thousand One Hundred Eighty Eight Only) Excluding GST which is 17.50% (Seventeen Point Five Zero Percent) below the Justified cost of Rs.2,45,69,692.00.

- संयुक्त महाप्रबंधक (अभि-विद्युत), भारतीय विमानपत्तन प्राधिकरण, बी.पी.आई. हवाई अड्डा, भुवनेश्वर इस कार्य के इंजीनियरिंग प्रभारी होंगे। आपसे अनुरोध है कि आप संविदा करार पर हस्ताक्षर करने एवं उसे पूरा करने हेतु दिनांक ३०.०९.२०२० के अंदर संयुक्त महाप्रबंधक (अभि-विद्युत), भारतीय विमानपत्तन प्राधिकरण, बी.पी.आई. हवाई अड्डा, भुवनेश्वर के कार्यालय में उपस्थित हों। संविदा करार रु १००/- (सौ रुपये मात्र) के न्यायिकेतर (नॉन ज्युडिशियल) स्टाम्प पेपर पर बनाया जाएगा और स्टाम्प पेपर की लागत आपको वहन करनी होगी।

Jt. General Manager Engg. (E), AAI, B.P. International Airport Bhubaneswar, shall be the Engineer-in-Charge of the work. You are requested to attend the office of the Jt. General Manager Engg. (E), AAI, B.P. International Airport, Bhubaneswar by 30.09.2020 to sign and complete the agreement. The contract agreement shall be executed on a non-judicial stamp paper of value Rs.100.00 (Rupees One Hundred only) and the cost of stamp paper shall be borne by you.

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3. आपकी निविदा के साथ प्राप्त बयाना राशि रु. **Nil** (रुपया निल मात्र) सुरक्षा जमा के हिस्से के रूप में परिवर्तित कर दिया गया है। कृपया इस पत्र के जारी होने के १० दिन के भीतर सुरक्षा जमा के लिए रु. २०,२७,११८.८० (बीस लाख सत्ताइस हजार एक सौ अठारह रुपया और अस्सी पइसा मात्र) जमा करवा दें, ऐसा नहीं करने पर उक्त रकम संविदा दस्तावेज के पृष्ठ ३४ पर दी गई शर्त १ए के अनुसार आपके रनिंग बिल से काट ली जाएगी।

The Earnest Money amount of Rs. **NIL** (Rupees NIL Only) received along with your e-tender will be treated and converted as a part of Security Deposit as per conditions of Clause no. 1A on page 34 of Clauses of contract of the tender document. Please deposit Rs. **20,27,118.80** (Rupees Twenty Lacs Twenty Seven Thousand One Hundred Eighteen and Eighty Paise Only) towards Security deposit within 10 days from the date of issue of this letter, failing which the same will be deducted as per conditions of Clause No - 1A page 34 of Clauses of the contract document.

4. आपसे अनुरोध है कि संविदा श्रमिक (विनियमन एवं समापन) अधिनियम १९७० और संविदा श्रमिक (विनियमन एवं समापन) केन्द्रीय नियमावली १९७१ बाल श्रम (निषेध और विनियमन) अधिनियम १९८६, निर्माण वर्कर्स (रोजगार और सेवा की शर्त का विनियमन) अधिनियम १९९६, भवन और अन्य निर्माण श्रमिक कल्याण अपकर अधिनियम १९९६ जैसा कि निविदा के जीसीसी के पृष्ठ संख्या ६८ पर धारा १९ में जीसीसी आफ निविदा निर्दिष्ट है तथा केन्द्रीय और राज्य सरकारों के नियमों का अनुपालन करें।

You are requested to comply with the provisions of Contract Labour (Regulation & Abolition) Act of 1970 and Contract Labour (Regulation and Abolition) Central Rules-1971 Child Labour (Prohibition & Regulation) Act 1986, Construction Workers (Regulation of Employment and Condition of Service) Act 1996, Building and other construction Workers Welfare cess Act 1996 as specified in Clause-19 On Page No.68 of GCC of Tender and rules of Central and State Governments.

5. आपको निदेश दिए जाते हैं कि आप प्रबंधक (अभी.-विद्युत)-II, भारतीय विमानपत्तन प्राधिकरण, बी.प.अ. हवाईअड्डा से तत्काल सम्पर्क करें जो कि आपको कार्यस्थल हस्तान्तर करने की व्यवस्था करेंगे।

You are also directed to contact the **Manager Engg (E)-II AAI, B.P. International Airport, Bhubaneswar** immediately, who will arrange to handover the site to you.



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6. कृपया ध्यान दें कि कार्य को पूरा करने के लिए स्वीकृत समय चौबीस (२४) महीने का होगा और उसी दिन दिनांक ०१.०९.२०२० से ग्रहण किया जाएगा।

Please note that the time allowed for carrying out the work shall be **Twenty Four (24) Months** and same shall be reckon from **01.09.2020**.

7. कृपया ध्यान दें कि त्रुटि की देयता अवधि कार्य पूरा होने की तारीख से छह महीने की होगी।

Please note that the defect liability period shall be **Six Months** from the date of completion of work.

8. संविदा के संबंध में आगे किया जाने वाला पत्राचार सामान्यतः प्रभारी इंजीनियर से किया जाए।

Any further correspondence in connection with the contract should normally be addressed to the Engineer - in - Charge.

9. कृपया इस पत्र की पावती भेजें तथा साथ में संलग्न इस पत्र की दूसरी प्रति पर स्वीकारोक्ति के रूप में विधिवत हस्ताक्षर करके हमें वापस भेजें।

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

धन्यवाद / Thanking you,

भवदीय / Yours Faithfully,

संयुक्त महाप्रबंधक (अभी- विद्युत)/Jt.GM. Engg. (Elect.)

भा.वि.प्रा., बी.प.अ. हवाईअड्डा, भुवनेश्वर / AAI, B.P.A. Airport, Bhubaneswar

कृते अध्यक्ष, भाविप्रा, नई दिल्ली

संलग्न / Encl: 1. शिड्यूल ऑफ क्वान्टीटीज / Schedule of quantities.

Copy to :

N.O.O. (External) :

1. Labour Commissioner (Central), Kendriya Shrama Sadan, Plot no. N-7/6 & 7, IRC Village, Behind ISCON Temple, Nayapalli, Bhubaneswar - 15, Odisha.
2. Regional Provident Fund Commissioner, Vabisyanidhi Bhawan, Janpath, Unit IX, Bhubaneswar, Odisha.
3. The Regional Commissioner, Employee State Insurance Corporation, Panchadeep Bhawan, Janpath, Unit IX, Bhubaneswar, Odisha.

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भारतीय विमानपत्तन प्राधिकरण  
AIRPORTS AUTHORITY OF INDIA

विद्युत अभियांत्रिकी अनुभाग  
ELECTRICAL ENGINEERING WING

Page No.04

आंतरिक /Internal :

1. विमानपत्तन निदेशक, भा.वि.प्रा., बी.प.अ. हवाईअड्डा, भुवनेश्वर ।  
The Airport Director, AAI, B.P. International Airport, Bhubaneswar.
2. संयुक्त महाप्रबंधक (अभी. – विद्युत), भा.वि.प्रा., बी.प.अ. हवाईअड्डा, भुवनेश्वर ।  
The Jt. General Manager (Engg. - Elect), AAI, B.P. International Airport, Bhubaneswar
3. उप महा प्रबंधक (वित्त व लेखा ), भा.वि.प्रा., बी.प.अ. हवाईअड्डा, भुवनेश्वर ।  
The DGM. (F&A), AAI, B.P. International Airport, Bhubaneswar
4. सहायक महाप्रबंधक (अभी. – विद्युत), भा.वि.प्रा., बी.प.अ. हवाईअड्डा, भुवनेश्वर ।  
The Asst. General Manager (Engg. - Elect), AAI, B.P. International Airport, Bhubaneswar
5. प्रबंधक (अभी. – विद्युत)-I, भा.वि.प्रा., बी.प.अ. हवाई अड्डा, भुवनेश्वर ।  
The Manager (Engg. - Elect)-I, AAI, B.P. International Airport, Bhubaneswar
6. अनुबन्ध फाइल / Agreement Copy.
7. कार्य फाइल / The Works File.

C2  
Amr.

संयुक्त महाप्रबंधक (अभी- विद्युत)/Jt.GM. Engg. (Elect.)  
भा.वि.प्रा., बी.प.अ. हवाईअड्डा, भुवनेश्वर / AAI, B.P. I. Airport, Bhubaneswar

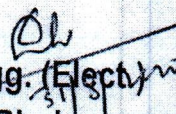
**FORM - V**

{SEE RULE -21 (2)}

**FORM OF CERTIFICATE BY PRINCIPAL EMPLOYER**

Certified that I have engaged **M/s Manish Electricals, Kalpana Nagar, Near 7 No. Chouraha, Morar, Gwalior-474006**, as contractor in my establishment for the work of "Annual Maintenance job contract of E & M installations for GLF Systems, NAV-AIDS, ATC Building and associated areas at B.P. International Airport, Bhubaneswar. (Work Order No. AAI/BBSR/Jt.GM.E(E)/WO-11/2020-21 dated 31.08.2020)". I undertake to be bound by all the provisions for the Contract Labour (Regulation & Abolition) Central Rules-1971 in so far as the provisions are applicable to me in respect of the employment of contract labour by the applicant in my establishment.

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Jt.GM. Engg. (Elect)  
AAI, B.P. I. Airport, Bhubaneswar  
Regn. No. R-II/7/2013 dtd 06.08.2013

To,  
**M/s Manish Electricals,**  
**Kalpana Nagar,**  
**Near 7 No. Chouraha, Morar, Gwalior-474006**

**Note:** This certificate is issued to the agency to obtain Contract Labour License with instruction to submit a copy of the said Contract Labour License to this office, in the prescribed format as issued by the concerned Labour Department (Central).

**Airports Authority of India**  
**B.P.I Airport, Bhubaneswar**

Schedule of Quantities

**Name of Work: Annual Maintenance job contract of E & M installations for GLF Systems, NAV-AIDS, ATC Building and associated areas at B.P. International Airport, Bhubaneswar.**

| Sl.No | Description of Work / Item(s)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Qty   | Units | Rate      | Amount      |
|-------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|-------|-----------|-------------|
| 1     | Periodical Maintenance and operation of all Electrical & Mechanical Installations and power supply system of operational area such as GLF Systems, NAV-AID units, ATC Tower, Operational area including DG Sets in CCR with AMF panels etc. involving operation, repairs & maintenance, faults / breakdowns rectifications, ensuring serviceability /satisfactory working condition of the systems, preventive maintenance on daily, weekly, monthly, quarterly, half yearly, yearly basis, maintenance of records/documentation including supervision of all ongoing capital and maintenance works etc. as per scope of work given in tender specifications of contract on all days including Sundays & Holidays. The services of DG Sets, AMF Panel & the services of all other E & M installation shall be ensured round the clock as per the directions of EIC. | 24.00 | Month | 608786.00 | 14610864.00 |
| 2     | Provision of Sr Supervisor every day throughout the contract period for overall supervision and administration of the contract as direction by EIC.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 24.00 | Month | 30201.00  | 724824.00   |
| 3     | Additional Manpower team during VVIP ( I / II & III) visit for operation, monitoring and meeting exigency consisting as per the technical specification/ special condition of contract and as per direction of E.I.C(Rate for each shift of 01 No. Electrician & 01 No. Helper)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 10.00 | Each  | 1200.00   | 12000.00    |
| 4     | Rewinding, repairing and complete overhauling of 1 to 3HP mono-block motor pump set, transportation of same from site to work shop and taking back the same, including installation, testing & commissioning etc as required.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 10.00 | Job   | 3000.00   | 30000.00    |
| 5     | Rewinding, repairing and complete overhauling of 5 to 10 HP mono-block motor pump set, transportation of same from site to work shop and taking back the same, including installation, testing and commissioning etc as required.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 10.00 | Job   | 4800.00   | 48000.00    |
| 6     | Repairing, rewinding & complete overhauling of following submersible pumps including transportation of motor, dismantling and rewinding with the same gauge insulated copper wire including replacement of all the internal worn-out/ defective parts i.e. bushes, impellers, sleeves, upper and lower bush sets, thrust bearings, oil seals, rotor grinding and balancing , assembling, testing, transportation etc. complete as required                                                                                                                                                                                                                                                                                                                                                                                                                          |       |       |           |             |
| a)    | 0.5 HP upto 5 HP                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 5.00  | Job   | 4000.00   | 20000.00    |
| b)    | Above 5 HP upto 10 HP                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 5.00  | Job   | 7000.00   | 35000.00    |

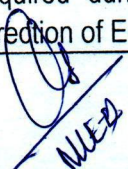
*[Handwritten signatures and initials]*

| Sl.No | Description of Work / Item(s)                                                                                                                                                                                                                                                                 | Qty     | Units | Rate    | Amount     |
|-------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|-------|---------|------------|
| 7     | Lifting & lowering of submersible motor pump set up to 10.0 HP capacities including dismantling & re-fitting of pump, discharge pipe, steel rope, clamp etc. complete as required.                                                                                                            | 10.00   | Job   | 6500.00 | 65000.00   |
| 8     | Laying of HDPE pipe upto 160mm outer dia in the paved area at depth of min. 0.20m including cutting the pavement (rigid /flexible) & making good the surface with 1:2:4 cement concrete etc. complete as required as per site requirement and direction of Engineer In-Charge.                | 300.00  | Mtr   | 725.00  | 217500.00  |
| 9     | Laying of HDPE pipe upto 160mm dia direct in ground in minimum depth of 75 centimeters including excavation and refilling the trench etc as required, but excluding sand cushioning and protective covering.                                                                                  | 2000.00 | Mtr   | 700.00  | 1400000.00 |
| 10    | Laying of PVC sheathed / XLPE power cable of 5 KV grade of 6/16Sqmm size in the existing HDPE pipe as required                                                                                                                                                                                | 2000.00 | Mtr   | 15.00   | 30000.00   |
| 11    | Painting of LT panels / feeder pillars with one coat metal primer on rusted surface and two coats approved synthetic enamel paint , lettering etc., as required upto the satisfaction of the Engineer-in-charge as and when required.                                                         | 75.00   | sqm   | 210.00  | 15750.00   |
| 12    | Painting of street light poles with one coat of red oxide and two coats of approved aluminum paint i/c dismantling, re-fixing of fittings and scraping the surface as required to the satisfaction of the Engineer-in-charge as and when required.<br>Pole height upto 12mtrs. approximately. | 400.00  | Each  | 300.00  | 120000.00  |
| 13    | Supply of 3-phase Panel Digital Voltmeter of range 0 to 500V AC,AUX supply 240 VAC suitable for operation on three phase , 440 V , 50 Hz, AC supply [Schneider Model No Konzerv DM 3210 or equivalent)                                                                                        | 15.00   | No    | 1200.00 | 18000.00   |
| 14    | Supply of 3-phase Panel Digital Ammeter of range 0 -100-1600A AC,AUX supply 240 VAC suitable for operation on three phase , 440 V , 50 Hz, AC supply (Schneider Model No Konzerv DM 3110 or equivalent).                                                                                      | 15.00   | No    | 1200.00 | 18000.00   |
| 15    | Supply of 3-phase Intelligent panel digital Multi Function meter suitable for operation on three phase , 440 V , 50 Hz, AC supply (Make : L & T, Model:Quasar or equivalent )                                                                                                                 | 15.00   | No    | 7000.00 | 105000.00  |
| 16    | Supply of following colour 1-phase LED Indication lamps suitable for operation on Single phase, 240 V, 50 Hz, AC supply (Make : ESBEE, Model: E-Series or equivalent)                                                                                                                         |         |       |         |            |
| a)    | Red / Yellow /Blue /Green                                                                                                                                                                                                                                                                     | 75.00   | No    | 120.00  | 9000.00    |





| Sl.No | Description of Work / Item(s)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Qty        | Units | Rate     | Amount    |
|-------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|-------|----------|-----------|
| 17    | Monthly Maintenance and Servicing of 415V, 4 Pole ACB of following rating including complete servicing and cleaning of breaker mechanism parts, checking all electrical and mechanical components ,checking and servicing of draw-out mechanism including removal of worn-out electrical and mechanical parts, replacement works,relay testing etc, complete as required and break down calls should be attended within 04 hours. (Maintenance shall be carried out through OEM / authorized dealer/ asdirected by EIC) and spares will be provided by AAI.<br>(a) 800A / 4Pole ACB Out-going - 06 Nos. | 24.00      | Job   | 24000.00 | 576000.00 |
| 18    | Horizontal Boring                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |            |       |          |           |
| a)    | Laying of HDPE pipe by HDD method including preparing & setting up plant & machinery including jointing reamring and pulling of HDPE pipe upto 200 mm dia pipe in soft soil as per technical specification and site condition etc as required as per direction of E-I-C.                                                                                                                                                                                                                                                                                                                                | 200.00     | RMtr  | 2800.00  | 560000.00 |
| b)    | Laying of HDPE pipe by HDD method including preparing & setting up plant & machinery including jointing reamring and pulling of HDPE pipe upto 200 mm dia pipe in rock area as per technical specification and site condition etc as required as per direction of E-I-C.                                                                                                                                                                                                                                                                                                                                | 100.00     | RMtr  | 3200.00  | 320000.00 |
| 19    | Rate for each one rupee value of work executed from the DSR-2018 (Electrical) Schedule & cost worked out on the basis of DSR-2018 (Electrical) rates. {For example, if the quoted rate for this item is Rs.0.90, then for executing DSR-2018 (Electrical) schedule works of value Rs.1,00,000.00 at DSR-2018 (Electrical) rates, the quoted amount will be Rs.90,000.00. And if quoted rate for this item is Rs.1.25, then quoted amount for the same will be Rs.1,25,000.00}                                                                                                                           | 1000000.00 | Each  | .80      | 800000.00 |
| 20    | Supply of Sealant compound suitable for installation of inset type runway Edge/Centre line/TDZ/Taxiway light fittings as and when required.                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 60.00      | Kgs   | 650.00   | 39000.00  |
| 21    | Supply of HT Tape for Insulation of Runway AFL Cable with suitable thickness as per AAI specificatons and directions of Engineer In -Charge.                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 200.00     | Nos.  | 400.00   | 80000.00  |
| 22    | Supply of Rubber Tape for Insulation of GLF Cables with suitable thickness as per AAI specificatons and directions of Engineer In-Charge.                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 25.00      | Kgs   | 650.00   | 16250.00  |
| 23    | Visit of Specialised Engineer for emergency breakdown of E&M /installation of GLF of LT panels / AMF Panels / other associated sites as per direction of Engineer In-charge.                                                                                                                                                                                                                                                                                                                                                                                                                            | 5.00       | Job   | 12000.00 | 60000.00  |
| 24    | Hiring of HT cable fault locator on rental basis as and when required during faults in all areas of B.P.I Airport as per direction of Engineer In-charge.                                                                                                                                                                                                                                                                                                                                                                                                                                               | 5.00       | Job   | 15000.00 | 75000.00  |

  
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| Sl.No | Description of Work / Item(s)                                                                                                                             | Qty     | Units | Rate     | Amount    |
|-------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|---------|-------|----------|-----------|
| 25    | Hiring of LT cable fault locator on rental basis as and when required during faults in all areas of B.P.I Airport as per direction of Engineer In-charge. | 5.00    | Job   | 10000.00 | 50000.00  |
| 26    | Supply of 63mm OD HDPE Pipe PE-80 & PN-10 confirming to IS 4984 and Technical Specifications and as per directions of EIC.                                | 1200.00 | Meter | 180.00   | 216000.00 |

Total Rs. 20271188.00

( Rupees Two Crore Two Lacs Seventy One Thousand One Hundred Eighty Eight Only)

Note: GST Extra, as applicable

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Anil

Jt.GM Engg.(E)  
AAI,B.P.I Airport, Bhubaneswar

MREB

Signature Not Verified

Digitally signed by PATRA NIRAD KUMAR  
Date: 2020.09.28 18:12:05 PDT  
Location: eProcurement System for  
Central PSUs