

भाविप्रा/खजुराहो/वरि.प्र.(अभि०-विद्युत)/कार्यआदेश सं.- 17/2020-21/815-23

दिनांक : 25.03.2021

सेवा में,

To,

मैसर्स मनीष इलैक्ट्रिकल्स,
कल्पना नगर, सी०पी० कालौनी,
मुरार ग्वालियर - 474006 (म०प्र०)

M/S Manish Electricals,
Kalpana Nagar, C.P. Colony,
Morar, Gwalior-474006(M.P.).

GST No. - 23ABLPM9012E1ZW

Pan No. - ABLPM9012E

TENDER ID: 2021_AAI_69882_1

Name of work: "Operation and Maintenance Contract of E and M Installations at Khajuraho Airport for the years 2021-2023".

संदर्भ : 1. आपकी निविदा दिनांक. 10.03.2021

Ref: 1. Your tender Opened on 10.03.2021

महोदय/ Sir

- उपरोक्त कार्य की रुपये 1,60,86,388.00 (रुपये एक करोड़ साठ लाख छियासी हजार तीन सौ अठ्ठासी मात्र) (जी.एस.टी. रहित) की मद दर निविदा, जो कि कार्य की अनुमानित लागत रुपये 1,89,52,657.00 (रुपये एक करोड़ नवासी लाख बावन हजार छह सौ सत्तावन मात्र) (जी.एस.टी. रहित) से 15.12% (पन्द्रह दशमलव एक दो प्रतिशत) कम है, आपके द्वारा निविदा प्रपत्र की अनुसूची में दर्शायी गयी मद दरों पर भरी गई है, अध्यक्ष, भारतीय विमानपत्तन प्राधिकरण की ओर से स्वीकृत की जाती है।

Your tender for the work mentioned above is hereby accepted on behalf of the Chairman, Airports Authority of India at the item rates quoted by you totalling to **Rs. 1,60,86,388.00 (Rupees One Crore Sixty Lakh Eighty Six Thousand Three Hundred Eighty Eight only)** (Excluding GST) which is **15.12% (Fifteen point One Two percent)** Below the Estimated cost put to the tender of **Rs. 1,89,52,657.00 (Rupees One Crore Eighty Nine Lakh Fifty Two Thousand Five Hundred Fifty Seven only)** (Excluding GST).

- वरिष्ठ प्रबन्धक (अभियांत्रिकी-विद्युत), भा.वि.प्रा., खजुराहो विमानक्षेत्र, खजुराहो इस कार्य के कार्य-प्रभारी अभियन्ता होंगे। आपसे अनुरोध है कि दिनांक 10 अप्रैल 2021 तक वरिष्ठ प्रबन्धक (अभियांत्रिकी-विद्युत), खजुराहो विमानक्षेत्र, खजुराहो के कार्यालय में उपस्थित होकर ठेका संविदा को हस्ताक्षरित कर पूर्ण करें। अनुबन्ध 100 रुपये के गैर न्यायीक स्टाम्प पेपर पर सम्पादित किया जाएगा, स्टाम्प पेपर की कीमत आपके द्वारा वहन की जाएगी।

Senior Manager (Engg-Elect), AAI, Khajuraho Airport, Khajuraho shall be the Engineer-in-charge of the work. You are requested to attend the office of the Senior Manager (Engg-Elect), AAI, Khajuraho Airport, Khajuraho by **10.04.2021** to sign and complete the contract agreement. The contract agreement shall be executed on a non-judicial stamp paper of value **Rs. 100.00 (Rupee Hundred only)** and the cost of stamp paper shall be borne by you.

- कृपया धरोहर राशि रुपये 16,08,639.00 (रुपये सोलह लाख आठ हजार छह सौ उनतालीस मात्र) इस पत्र के निर्गत दिनांक से 10 दिनों के भीतर जमा करें अन्यथा उक्त धनराशि की कटौती संविदा प्रपत्र की

महोदय
25/03/2021
2020/15



भारतीय विमानपत्तन प्राधिकरण
Airports Authority of India

उक्त संदर्भित शर्त के अनुसार चालू लेखा बिलों से की जाएगी, जैसा कि आपके संविदा दस्तावेज में जी.सी. सी. के खण्ड संख्या 1(अ) में दिया गया है।

Please deposit **Rs. 16,08,639.00 (Rupees Sixteen Lakhs Eight Thousand Six Hundred Thirty Nine 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 **GCC Clause no. 1 (A)** of the contract document.

4. आपसे अनुरोध है कि संविदा श्रमिक प्रावधान (विनिमय एवं उन्मूलन) 1970 श्रमिक प्रावधान (विनिमय एवं उन्मूलन)-केन्द्रीय नियम 1971, न्यूनतम मजदूरी अधिनियम एवं इस सम्बन्ध में केन्द्र/राज्य सरकार के नियमों का पालन करना सुनिश्चित करें।

You are requested to comply with the provisions of Contract Labour (Regulation & Abolition) Act of 1970 and Contract Labour (Regulation & Abolition) Central rules 1971 and Minimum Wages Act & Rules thereof Central and State Governments with upto date amendments.

5. आपको निर्देशित किया जाता है कि आप तुरन्त प्रभाव से कनि. कार्यपालक/प्रबन्धक (अभि0-विद्युत), खजुराहो विमानक्षेत्र, खजुराहो से सम्पर्क करें जो आपको कार्यस्थल सौंपने की व्यवस्था करेंगे।

You are also directed to contact the Jr. Executive/Manager (Engg-Elect), Khajuraho Airport, Khajuraho, immediately who will arrange to hand over the site to you.

- 6- कृपया ध्यान दें कि कार्य पूर्ण करने की अवधि **24 माह** है जो कि दिनांक **01 अप्रैल 2021** से प्रभावी मानी जाएगी एवं कार्य की दोष दायित्व अवधि **6 माह** मानी जाएगी।

Please note that time allowed for carrying out the work shall be **24 Months** and the same shall be reckoned from **01 April 2021** and work defect liability period of **06 Month** shall be deemed.

7. संविदा के सन्दर्भ में किसी प्रकार का पत्राचार सामान्यतः वरिष्ठ प्रबन्धक (अभि0-विद्युत), खजुराहो विमानक्षेत्र, खजुराहो को सम्बोधित करें।

Any further correspondence in connection with the contract should normally be addressed to the Senior Manager (Engg-Elect), Khajuraho Airport, Khajuraho.

8. कृपया इस पत्र की पावती भेजें एवं पत्र कि अनुलिपि जो कि संलग्न है को हस्ताक्षरित कर अधोहस्ताक्षरी को स्वीकृत चिन्ह के रूप में 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.

9. मूल प्रति/बिल जमा करने पर जी. एस. टी., ई.पी.एफ., ई.एस.आई.सी और बोनस देय होगा।

GST, EPF, ESIC & Bonus will be reimbursed on actual basis on submission of documentary evidence.

संलग्नक/Enclosures

- 1- मात्रा अनुसूची / Schedule of Quantities. (1 to 4)

कमल सिंह
25/03/2021

वरिष्ठ प्रबंधक(अभि-विद्युत)
Senior Manager (Engg-E)
खजुराहो हवाई अड्डा
Khajuraho Airport,
कृते तथा ओर से अध्यक्ष

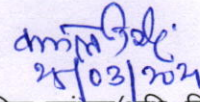
For and on behalf of the Chairman
भारतीय विमानपत्तन प्राधिकरण
Airports Authority of India

आन्तरिक प्रतिलिपि -

1. विमानपत्तन निदेशक , भा.वि.प्रा., खजुराहो हवाई अड्डा।
Airport Director, AAI, Khajuraho Airport.
2. उप महाप्रबंधक (अभि-सिविल), भा.वि.प्रा., खजुराहो हवाई अड्डा, खजुराहो।
D.G.M. (Engg-C), AAI, Khajuraho Airport, Khajuraho
3. प्रबंधक (वित्त), भा.वि.प्रा., खजुराहो हवाई अड्डा।
Manager (Fin.), AAI, Khajuraho Airport
4. प्रबंधक (अभि-विधुत) , भा.वि.प्रा., खजुराहो हवाई अड्डा।
Manager (E-E), AAI, Khajuraho Airport
5. करारनामा प्रतिलिपि।
Agreement Copy.
6. कार्य आदेश फाईल।
Work order File.

बाह्य प्रतिलिपि-

7. महाप्रबंधक (अभि-विधुत), भा.वि.प्रा., उ. क्षेत्र, प्रचालन कार्यालय, गुरुग्राम रोड, रंगपुरी, नई दिल्ली।
G.M. (Engg-E), AAI, NR, Operational offices, Gurugram Road, Rangpuri, New Delhi
8. उप महाप्रबंधक (अभि-विधुत), भा.वि.प्रा., उ. क्षेत्र, प्रचालन कार्यालय, गुरुग्राम रोड, रंगपुरी, नई दिल्ली।
D.G.M. (Engg-E), AAI, NR, Operational offices, Gurugram Road, Rangpuri, New Delhi


वरिष्ठ प्रबंधक(अभि-विधुत)
Senior Manager (Engg-E)
खजुराहो हवाई अड्डा
Khajuraho Airport,
कृते तथा ओर से अध्यक्ष
For and on behalf of the Chairman
भारतीय विमानपत्तन प्राधिकरण
Airports Authority of India

SCHEDULE OF QUANTITY

Name of Work:- Operation and Maintenance Contract of E and M Installations at Khajuraho Airport for the years 2021-2023.

Tender ID:- 2021_AAI_69882_1

Sr. No.	Description of item	Unit	Qty	Rate excl. GST	Amount (Rs.)
SH-I	Periodical Maintenance of E&M Installations & MAINTENANCE OF FIRE FIGHTING SYSTEM				
1	Periodical Maintenance Operation and Repair of electrical installation of 11 KV / 415 V sub station, HT and LT distribution panels, AMF Panels, battery maintenance of sub-station, operation of DG set by attending complaints, electrical installations of ATC cum Technical Block, MT Pool, Fire Staion, complete GLF System, NAVAIDS, Street light/parking lights outside OTB, Apron light and perimeter lighting, etc. i/c Electrical installation of residential colony, street light of residential colony, operations of Pumps and attending the day to day complaints on all days i/c Sunday and Holiday by followong minimum man power per day (on all days i/c sunday / Weekly offs & other holidays), tools & tackles and attending the break-down and preventive maintenance as per Special Conditions of Contract. (a) Supervisor - Highly Skilled - 01 No. - General Shift (06 Days in a Week) (b) Wireman - Skilled - 08 Nos. (Reliever Shall be Provided on Weekly Off/Holiday) (c) Operator-Semi Skilled-02 Nos. (Reliever Shall be Provided on Weekly Off/Holiday) (d) Helper - Unskilled - 10 Nos. (Reliever Shall be Provided on Weekly Off / Holiday) (1. Contractor has to depute the above required staff except Supervisor on all days including weekly offs & holidays. 2. Contractor has to provide Reliever on Weekly Offs / Holidays of above required staffs except Supervisor)	Month	24	335786.00	8058864.00
2	Periodical Maintenance, Repair, and Operations of Electrical Installation of 33 KV/415 V & 33 KV/11 KV substation, Water pumps, All HT/LT distribution and feeder panels of new power house, New Terminal Building, City side area, including operation of DG sets by attending complaints/faults/breakdown & ensuring serviceability, satisfactory working conditions of all the systems including operation of STP, up keeping all records as per preventive maintenance schedule etc by followong minimum man power per day (on all days i/c sunday / Weekly offs & other holidays), tools & tackles and attending the break-down and preventive maintenance as per Special Conditions of Contract. (a) Supervisor - Highly Skilled - 01 No. - General Shift (06 Days in a Week) (b) Wireman - Skilled - 05 Nos. (Reliever Shall be Provided on Weekly Off/Holiday) (c) Operator-Semi Skilled-03 Nos. (Reliever Shall be Provided on Weekly Off/Holiday) (d) Helper - Unskilled - 05 Nos. (Reliever Shall be Provided on Weekly Off / Holiday) (1. Contractor has to depute the above required staff except Supervisor on all days including weekly offs & holidays. 2. Contractor has to provide Reliever on Weekly Offs / Holidays of above required staffs except Supervisor)	Month	24	232786.00	5588864.00

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Sr. No.	Description of item	Unit	Qty	Rate excl. GST	Amount (Rs.)
3	Operation and maintenance of fire fighting system & fire hydrant system of NTB comprises of fire pump sets, valves, water pipe line, fire brigade inlets, sprinkler, hose pipes, air vessels and landing valves etc repair, maintenance attending to complaints/faults/breakdowns and taking rectification action, ensuring serviceability/satisfactory working condition of the systems, as per AAI requirement, maintenance of records/documentation as per scope of work and to the satisfaction of Engineer-in-charge as per the detailed specifications, terms & conditions covered under this contract, attending the day to day complaints on all days i/c Sunday and Holiday by following minimum man power per day round the clock (on all days i/c Sunday / Weekly offs & other holidays), tools & tackles and attending the break-down and preventive maintenance as per Special Conditions of Contract. (a) Operator-Semi Skilled-03 Nos. (Reliever Shall be Provided on Weekly Off/Holiday) (b) Helper - Unskilled - 03 Nos. (Reliever Shall be Provided on Weekly Off / Holiday) (Note:- Contractor has to provide Reliever on Weekly Offs / Holidays of above required staffs)	Month	24	86000.00	2064000.00
				Total SH-I	15709728.00
SH-II	Filtration/dehydration of Transformers etc.				
4	Testing of BDV value of the transformer oil as per relevant IS standard installed at Khajuraho airport site and submission of its testing report to AAI.	Job	5	500.00	2500.00
5	Filtration & Dehydration of transformer oil at site up to a level of relevant IS Dielectric strength for transformers/ stabiliser/OCBs i/c replacement of gasket if required complete as required installed at Khajuraho Airport including submission of test reports before & after dehydration of oil (Item is to be executed if the BDV value of transformer oil is found below the stipulated value)	Ltr	9540	3.00	28620.00
6	Replacement of silica gel in breather of both transformers installed at Sub-Station as and when required .	Kg	4	300.00	1200.00
7	Supply and Topping up the transformer oil in conservator tank upto a required level with new treated transformer oil (As per IS and approved make) as and when required.	Ltr	160	60.00	9600.00
				Total SH-II	41920.00
SH-III	Miscellaneous work				
8	Rewinding of 1400/ 1200 mm sweep ceiling fan with super enamelled copper winding wire with varnishing and including greasing the bearings etc. complete as required. (Dismantle material belongs to contractor)	Each	30	200.00	6000.00
9	Rewinding of 12"/15"/18" size exhaust fan with super enamelled copper winding wire with varnishing and including greasing the bearings etc. complete as required. (Dismantle material belongs to contractor)	Each	16	250.00	4000.00

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Sr. No.	Description of item	Unit	Qty	Rate excl. GST	Amount (Rs.)
10	Rewinding of following capacity 415Volt 50 Hz AC supply monoblock pump motors with super enamelled copper winding wire, varnishing i/c greasing of bearings etc. complete as required. (Dismantle material belongs to contractor)				
(a)	5 H.P.	Each	4	300.00	1200.00
(b)	10 H.P.	Each	4	500.00	2000.00
11	Repairing of following capacity monoblock/ centrifugal pump set including replacement of bearings and other required accessories, dismantling of pump set from existing site & re-installation, testing and commissioning of the same at site by using suitable tools etc complete as required.				
(a)	5 H.P.	Each	4	300.00	1200.00
(b)	10 H.P.	Each	4	500.00	2000.00
12	Rewinding of following capacity 415Volt 50 Hz AC supply submersible pump motors with super enamelled copper winding wire, varnishing i/c greasing replacement of bearings/Bush, thrust support plate, repairing/replace of shaft etc. complete as required.				
(a)	5H.P. to 10 H.P.	Each	4	1500.00	6000.00
13	Lifting & lowering of submersible pumps upto 10 HP from existing borewell/open well & installation, testing and commissioning at site by using tripod and other tools, including its connected pipe & cable, packings, nut bolts etc and making water proof joint in submersible cable complete as required.	Each	4	1000.00	4000.00
14	Supply and fixing of bearings suitable for 1400/1200 mm sweep ceiling fan, 12"/15"/18" size exhaust fan to replace defetive bearings etc complete as required	Each	30	50.00	1500.00
15	Repairing and servicing of 10 KVA DG Set as per manufacturer's/ OEM recomdation and replacement of defective parts etc complete as required. (Make:Aska)	Job	4	2500.00	10000.00
16	Supply of B check spares & B check for 10 KVA DG Set Make: Aska(Mitsubishi), Engine Model no.- MV/L2E8.5K30D01 as and when required.				
(a)	Filter Element	Each	4	300.00	1200.00
(b)	Filter Insert	Each	4	300.00	1200.00
(c)	Lub Oil Filter	Each	4	300.00	1200.00
(d)	Lub Oil 10 Liter Pack	Each	2	2500.00	5000.00
				Total SH-III	46500.00
SH-IV	Painting of Poles, GLF, Panels etc (Once in 2 years)				
17	Painting of GLF fitting including base plate in installation position with Two coats of synthetic enamel paint of aviation yellow colour of approved make to given an even shade including numbering, cleaning the surface with detergent etc., as required.				
(a)	Runway edge light fitting, Taxiway Light Fitting, Turn pad light fitting, End/Threshold Lights	Jobs	247	30.00	7410.00

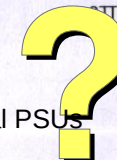
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Sr. No.	Description of item	Unit	Qty	Rate excl. GST	Amount (Rs.)
(b)	PAPI Units	Jobs	8	100.00	800.00
18	Scrubbing, cleaning and there after painting the garden light pole of erected height not less than 3 mtrs. and upto 7 mtrs with 2 or more coat of aluminium silver paint i/c numbering the light pole with white paint on black background of size 4" dia. including , collar with black paint complete as required.	Jobs	42	50.00	2100.00
19	Scrubbing, cleaning and there after painting the street light pole of erected height not less than 3 mtrs. and upto 7 mtrs with 2 or more coat of aluminium silver paint i/c numbering the light pole with white paint on black background of size 4" dia. including , collar with black paint complete as required.				
(a)	With single arm bracket	Jobs	33	100.00	3300.00
(b)	With double arm bracket	Jobs	5	110.00	550.00
20	Scrubbing, cleaning and thereafter painting the perimeter light poles of erected height not less than 1.2 mtrs. and upto 4 mtrs with Single Arm bracket and including box and GI Pipe with 2 or more coat of aluminium silver paint i/c numbering the street light pole with white paint on black background of size 4" dia. complete as required.	Jobs	352	40.00	14080.00
21	Scrubbing, cleaning and thereafter painting the approach light (CAT 1 light 105 Nos. fittings) fittings including the base support structure, poles, joints and base of Light fittings, horizontal and vertical support arms with 2 or more coat of Aviation yellow epoxy enamel paint complete as required.	Job	1	5000.00	5000.00
				Total SH-IV	33240.00
SH-V	DSR (INTERNAL & EXTERNAL) ITEMS				
22	Complete items of CPWD schedule of rates DSR-2018 (Electrical) (Rates shall be quoted in multiples eg. 0.99 or 1.01 for 1% below or 1% above the DSR rates respectively.)	Rs.	300000	0.85	255000.00
				Total SH-V	255000.00
				Grand Total (SH-I+SH-II+SH-III+SH IV+SH V)	16086388.00
				Say Rs.	16086388.00

Rs. One Crore Sixty Lakhs Eighty Six Thousand Three Hundred Eighty Eight only (Excl. GST)

Signature Not Verified

Digitally signed by KAMAL KISHORE
Date: 2022.06.23 10:16:31 IST
Location: eProcurement System for Central PSUs



कमल किशोर
25/03/2022
वरिष्ठ प्रबंधक (अभि-विद्युत)

वि. प्रा. खजुराहो विमानतल, खजुराहो