



# भारतीय विमानपत्तन प्राधिकरण AIRPORTS AUTHORITY OF INDIA

संख्या: भाविप्रा/गया /स.म.प्र.(अभि.-वि.)/डब्लु.ओ. -13 /2020-21/

दिनांक: 22.01.2021

(स्पीड पोस्ट)

सेवा में,

To,

मै० वोक्स इनर्जी प्रा० लि०,  
306, बक्शी हाउस,  
40-41, नेहरु प्लेस,  
नई दिल्ली - 110019,

M/s Volks Energie Pvt. Ltd.,  
306, Bakshi House,  
40-41, Neharu Place,  
New Delhi - 110019,

E-mail:- arathi@volksenergie.in

विषय : गया हवाई अड्डे, गया पर मौजूदा कूलिंग टॉवर का प्रतिस्थापन।

Subject: - Replacement of Existing Cooling Tower at Gaya Airport, Gaya (Bihar).

संदर्भ : (i) Tender ID – 2020\_AAI\_ 63995\_1, Financial bid opened on 15.01.2021

महोदय,

- उपर्युक्त कार्य हेतु आपकी ई-निविदा अध्यक्ष, भा०वि०प्रा० की ओर से एतद्वारा इस आधार पर स्वीकार की जाती है कि आपके द्वारा उद्धृत आइटम दरों पर कुल योग रु० 26,17,880/- (छब्बीस लाख सतरह हजार आठ सौ अस्सी रुपये मात्र) है जोकि निविदा में दिये गये अनुमानित लागत रु० 28,80,122/- से 9.11% नीचे है।

Your e-tender for the work mentioned above is hereby accepted on behalf of the Chairman, AAI, at the item rates quoted by you totaling to Rs. 26,17,880.00 (Rupees Twenty Six Lacs Seventeen Thousand Eight Hundred and Eighty Only) which is 9.11% below the estimated cost put to the tender of Rs. 28,80,122.00.

- सहायक महाप्रबंधक (अभि.-विद्युत), भा०वि०प्रा० गया हवाई अड्डा गया कार्य के प्रभारी अभियंता होंगे। कृपया आप स्वयं या अपने प्राधिकृत एवं संविदा-करार पर हस्ताक्षर करने में सक्षम प्रतिनिधि को हस्ताक्षर एवं करार पूरा करने हेतु सहायक महाप्रबंधक (अभि.-विद्युत) भारतीय विमानपत्तन प्राधिकरण, गया हवाई अड्डा गया के कार्यालय में 08.02.2021 तक भेजे। संविदा करार आप के द्वारा उपलब्ध कराए गए 1000/- रु (एक हजार रुपया) के गैर अदालती पक्के कागज पर सम्पादित किया जाएगा।

AGM (Engg.-Elect.), AAI, Gaya Airport, Gaya, shall be the Engineer-in-charge of the work. You are requested to attend or depute your accredited representative empowered to sign the contract agreement on your behalf to attend the office of AGM (Engg.-Elect.), AAI, Gaya Airport, Gaya by 08.02.2021 to sign and complete the contract agreement. The contract agreement shall be executed on a non-judicial stamp paper of value Rs. 1000/- (Rupees One Thousand Only) and cost of the stamp paper shall be borne by you.

- कृपया इस पत्र के जारी होने की तिथि से 10 दिनों के भीतर प्रतिभूति जमा राशि शेष रु० 2,61,788/- (दो लाख इकसठ हजार सात सौ अठासी रुपये मात्र) जमा करें अन्यथा यह राशि आपके चालू बिलों से

22.01.2021  
A.A.I., Gaya Airport, (Engg. Elect.)

संविदा सामान्य शर्त 1A के तहत काट ली जाएगी एवं आपके निविदा के साथ प्राप्त बयाना राशि रु0 57,602/- ( संतावन हजार छः सौ दो रुपये मात्र) आपको ऑनलाइन माध्यम से (निविदा में वर्णित प्रावधानों के अनुसार) वापस की जाएगी।

Please deposit Rs. 2,61,788/- (Rupees Two Lacs Sixty One Thousand Seven Hundred and Eighty Eight Only) towards security deposit within 10 days from the date of issue of this letter failing which, the same will be deducted from your running bills as per clause 1A of GCC and Earnest Money amount of Rs 57,602/- (Rupees Fifty Seven Thousand Six Hundred and Two Only) shall be refunded to your source account (as per provisions mentioned in the tender) through online mode.

- 4 आपसे अनुरोध है कि संविदा सामान्य शर्त 19, पेज 49 के अनुसार संविदा श्रम (नियमन व समापन) अधिनियम-1970 के प्रावधानों, संविदा श्रम (नियमन व समापन) केन्द्रीय नियम, 1971, एवं केन्द्र व राज्य सरकारों के तत्सम्बन्धी न्यूनतम मजदूर अधिनियम व एवं अन्य नियमों का पालन 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, Minimum Wages Act etc. as specified in clause 19 on page 49 of GCC of tender and rules of central and state Government.

5. आपको यह निर्देश भी दिया जाता है कि प्रबंधक (अभि.-विद्युत)- II, भारतीय विमानपत्तन प्राधिकरण, गया हवाई अड्डा, गया से शीघ्र संपर्क करें, जो आपको कार्यस्थल सौंपने की व्यवस्था करेंगे।

You are also directed to contact the Manager (Engg-E)-II, Airports Authority of India, Gaya Airport, Gaya immediately who will arrange to hand over the site to you.

6. कृपया यह नोट किया जाए कि निविदा में की गई प्रविष्टि के अनुसार काम करने की अवधि (04) चार महिने है, जिसकी गिनती इस पत्र के जारी होने की तिथी के बाद दसवें दिन से शुरू हो जाएगी।

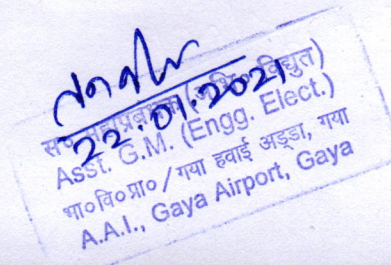
Please note that the time allowed for carrying out the work as entered in the tender is (04) Four months, which shall be reckoned from 10<sup>th</sup> day after issue of this letter.

- 7 आपकी निविदा एवं इस कार्य के संदर्भ में उल्लिखित पत्र, इस अवार्ड पत्र सहित करार का हिस्सा होंगे। कृपया नोट करें कि दोष दायित्व अवधि (12) बारह महीने होगी।

Your tender mentioned above under the reference for this work shall form part of the agreement along with this award letter. Please note that the defect liability period shall be (12) Twelve Months.

- 8 भविष्य में संविदा से संबंधित कोई भी पत्राचार सहायक महाप्रबंधक (अभि.-विद्युत), भारतीय विमानपत्तन प्राधिकरण, गया हवाई अड्डा, गया से किया जाए।

Any further correspondence in connection with the contract shall normally be addressed to the AGM (Engg.-E), AAI, Gaya Airport, Gaya.



- 9 कार्य आदेश के सम्बंध में किसी प्रकार की टंकणीय त्रुटि/बिसंगति होने पर अंग्रेजी संस्करण मान्य होगा।

With reference to this work order, if in case of any typographical mistake/discrepancy arise, the English version shall be applicable as final.

- 10 कृपया पावती भेजें।

Please acknowledge the receipt of the same.

धन्यवाद,

संलग्न :- 1) मदों की सूची।

i) Schedule of Quantity

(सैयद तनवीर अशरफ)  
सहायक महाप्रबंधक (अभि. वि.) / AGM (E-E)  
अध्यक्ष की ओर से और उनके लिए / For and on behalf of the "Chairman"  
भा.वि.प्रा. /AAI, गया हवाई अड्डा / Gaya Airport  
गया /Gaya - 823004

22.01.2021  
गया हवाई अड्डा, गया  
AAI, Gaya Airport, Gaya



**AIRPORTS AUTHORITY OF INDIA**  
**ELECTRICAL ENGINEERING WING**  
**GAYA AIRPORT, GAYA**

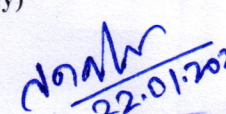
**SCHEDULE OF QUANTITY**

Name of Work:-Replacement of Existing Cooling Tower at GAYA Airport , Gaya (Bihar ).

| Sr. No | Description of items                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Unit  | Qty | Rate (Rs.) | Amount (Rs.) |
|--------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|-----|------------|--------------|
| 1      | Dismantling and Removing of existing Old Cooling Tower including foundation as required and Handing over the dismantled items to AAI store.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | JOB   | 3   | 10000.00   | 30000.00     |
| 2      | Supply , installation , testing & commisioning of Induced draft FRP cooling Tower of minimum 420 TR heat rejection capacity along with HDPE make up water Tank of minimum 5000 ltrs capacity ( water tank to be installed on existing foundation ) with FRP water basin to be installed on newly constrected /fabricated Foundation structure for Cooling tower as per cooling tower Size with Multi/Single Fan of required capacity ,PVC fillings with integral Louvers and drift Eliminators complete with hot water basin either fitted with Spray Nozzles or having self rotating sprinklers ,statically & dynamically balanced axial flow type fan direct driven or driven through reduction gear box with TEFC induction motor with suction screen , makeup - quick fill arrangement , over flow & drain connection with fixing of necessary valves , & suitable inspection ladder , access arrangement for cooling tower interior, aniti vibration mounting complete as per specification & as required etc with following Technical Data. (a) Water Flow/Tower - 1450 USGPM (b) Entering water Temp - 97.5 degree F (c) Outlet Water Temperater - 90 degree F (d) Heat Rejection Capacity 420TR (e) Ambient wet Bulb Temp -83 degree F .( Note - Making of new cement concrete foundation and steel /Masonry supporting structure as per manufacturer design of cooling tower are included in the item and in the scope of contractor.) | JOB   | 3   | 690000.00  | 2070000.00   |
| 3      | Supply, fixing, testing and commissioning of "C " Class Heavy MS Pipe of following sizes complete with nuts and Bolts , elbow , flange , painting etc complete as required for connection of Pipe line to cooling tower as per actual site requirement. ( fixing includes underground as well on Surface with supporting column as per site requirement & technical specifications).                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |       |     |            |              |
| a)     | 250mm (Supply and return line of Cooling Tower )                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | meter | 50  | 2590.00    | 129500.00    |
| b)     | 150 mm (Balancing Line of Cooling Tower )                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | meter | 50  | 1580.00    | 79000.00     |
| c)     | 75 mm ( Drain Line of Cooling Tower )                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | meter | 50  | 1000.00    | 50000.00     |
| d)     | 50 mm ( water Make up Line )                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | meter | 75  | 800.00     | 60000.00     |
| 4      | Supply, fixing, testing and commissioning of following sizes butterfly Valve with CI body SS disc , nitrile rubber Seal & O-ring of PN 16 Pressure ratings for cooling tower Pipe Line including flange , nut bolts complete as required                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |       |     |            |              |
| a)     | 250mm (Supply and return line of Cooling Tower )                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | JOB   | 6   | 12300.00   | 73800.00     |
| b)     | 150 mm (Balancing Line of Cooling Tower )                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | JOB   | 3   | 3800.00    | 11400.00     |
| c)     | 75 mm ( Drain Line of Cooling Tower )                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | JOB   | 6   | 2200.00    | 13200.00     |
| d)     | 50 mm ( water Make up Line )                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | JOB   | 6   | 1800.00    | 10800.00     |
| 5      | Supply, fixing, testing and commissioning of pressure Gauge with valve , flower , nipple , socket complete as required                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | JOB   | 6   | 1800.00    | 10800.00     |
| 6      | Supply, fixing, testing and commissioning of temperature Gauge with valve , flange , thermometer with Thermowell etc                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | JOB   | 6   | 1000.00    | 6000.00      |
| 7      | Supply, fixing, testing and commissioning of 3.5X 25 Sqmm , aluminium conductor armoured cable , 1.1 KV grade with 6 SWG Earthing GI wire from Electrical Panel /Starter to cooling Tower Fan complete with Thimbled Connector Connection complete as required                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Mtr   | 210 | 228.00     | 47880.00     |
| 8      | SITC of ON/OFF Control Starter of Cooling Tower Fan complete with Connection as required.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | JOB   | 3   | 7000.00    | 21000.00     |
| 9      | Supplying and installing following size of perforated painted with powder coating M.S. cable trays with perforation not more than 17.5%, in convenient sections, joined with connectors, fixed with suitable M.S support including bolts & nut etc as required. a) 100 mm width X 50 mm depth X 1.6 mm thickness                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Mtr   | 15  | 300.00     | 4500.00      |

**Excluding GST-Total Rs. 2617880.00**

**(Rupees Twenty Six Lacs Seventeen Thousand Eight Hundred and Eighty Only)**

  
 (सैयद तनवीर अशरफ)  
 सहायक महाप्रबंधक (अग्नि विभाग विद्युत)  
 Asst. Comm. (Engg. Elect.)  
 अध्यक्ष की ओर से और उनके लिए /For and on behalf of the Chairman  
 भा.वि.प्रा. /AAI, गया, हवाई अड्डा /Gaya Airport  
 AAI, Gaya - 823004