



भारतीय विमानपत्तन प्राधिकरण AIRPORTS AUTHORITY OF INDIA

संख्या: भाविप्रा/गया /स.म.प्र.(अभि.-वि.)/डब्लु.ओ. -09/2022-23/

दिनांक: 17.02.2023

(स्पीड पोस्ट)

सेवा में

मैसर्स ओम ज्योति इंजीनियरिंग एंटरप्राइजेज
डी-239, सेक्टर - 10,
नोएडा- 201301,
गौतम बुद्ध नगर (यूपी)

To

M/s OM Jyoti Engineering Enterprises
D-239, Sector - 10,
Noida- 201301,
Gautam Budh Nagar (U.P.)

E-mail Id: - (i) omjyotientp@gmail.com
(ii) omjyotiengg@yahoo.com
(iii) ankitmishra.ojee@gmail.com

विषय:- गया हवाई अड्डे, गया, बिहार में 50 केएलडी एफआरपी भूमिगत पैकेज्ड सीवेज ट्रीटमेंट प्लांट का एसआईटीसी एवं 05 वर्षों के लिए वार्षिक संचालन और व्यापक रखरखाव।

Subject:- SITC of 50 KLD FRP Underground Packaged Sewage Treatment Plant including Annual Operation & Comprehensive Maintenance for 05 Years at Gaya Airport, Gaya, Bihar.

संदर्भ : (i) Tender ID – 2022_AAI_137455_1

(ii) Your e-tender financial bid opened on 25.01.2023

महोदय,

- उपर्युक्त कार्य हेतु आपकी ई-निविदा अध्यक्ष, भा0वि0प्रा0 की ओर से एतद्वारा इस आधार पर स्वीकार की जाती है कि आपके द्वारा उद्धृत आइटम दरों पर कुल योग **₹ 59,59,780/- (उनसठ लाख उनसठ हजार सात सौ अस्सी रुपये मात्र) (जी0एस0टी0 रहित)** है जोकि निविदा में दिये गये अनुमानित लागत **₹ 85,45,411/-** से **30.26%** 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. 59,59,780.00 (Rupees Fifty-Nine Lacs Fifty-Nine Thousand and Seven Hundred Eighty Only) (Excl. GST)** which is **30.26%** below the estimated cost put to the tender of **Rs. 85,45,411.00**.

- सहायक महाप्रबंधक (अभि.-विद्युत), भा0वि0प्रा0 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 **03.03.2023** 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

03.03.2023 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.

- 3 कृपया इस पत्र के जारी होने की तिथि से 10 दिनों के भीतर प्रतिभूति जमा राशि **रु० 3,29,000/- (तीन लाख उन्नतिस हजार रुपये मात्र)** जमा करें अन्यथा यह राशि आपके चालू बिलों से संविदा सामान्य शर्त 1A के तहत काट ली जाएगी एवं आपके निविदा के साथ प्राप्त बयाना राशि **रु० 96,004/- छिआन्वे हजार चार रुपये मात्र)** आपको ऑनलाइन माध्यम से **(निविदा में वर्णित प्रावधानों के अनुसार)** वापस की जाएगी।

Please deposit **Rs 3,29,000/- (Rupees Three Lacs and Twenty-Nine Thousand 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. 96,004/- (Rupees Ninety-Six Thousand and Four 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 50 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 50 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 एस0आइ0टी0सी काम करने की अवधि **(03) तीन महीने** है, जिसकी गिनती इस पत्र के जारी होने की तिथि के बाद **दसवें दिन से शुरू हो जाएगी।** वार्षिक प्रचालन एवं सी0एम0सी0 (आईटम न0 5) के कार्य करने की अवधि **पांच (05) वर्ष** होगी जो एस0आइ0टी0सी के समाप्ति के पश्चात् आरम्भ होगी।

Please note that the time allowed for carrying out the SITC work as entered in the tender is **(03) Three months**, which shall be reckoned from **10th day after issue of this letter**. Time allowed for carrying out Annual operation & CMC (BOQ Item no. 5) shall be **(05) five years** which will start after the completion of SITC work.

- 7 आपकी निविदा एवं इस कार्य के संदर्भ में उल्लिखित पत्र, इस अवार्ड पत्र सहित करार का हिस्सा होंगे। कृपया नोट करें कि एस0आइ0टी0सी कार्य की दोष दायित्व अवधि **(12) बारह महीने** होगी।

dnah
17/02/2023
Asst. Comm. (Engg-E)-II
आ.वि.प. / रा. वि. प. अ. वि. प.
A.A.I., Gaya Airport, Gaya

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 for SITC work shall be **(12) Twelve Months.**

- 8 भविष्य में संविदा से संबंधित कोई भी पत्राचार सहायक महाप्रबंधक (अभि.-विद्युत), भारतीय विमानपत्तन प्रधिकरण, 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

17.02.2023
(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

Bill of Quantity

Name of Work : SITC of 50 KLD FRP Underground Packaged Sewage Treatment Plant including Annual Operation & Comprehensive Maintenance for 05 Years at Gaya Airport, Gaya (Bihar)

Item no.	Description of Items	Unit	Qty.	Rate (Rs.)	Amount (Rs.)
1	SEWAGE TREATMENT PLANT (MBBR TECHNOLOGY) 50 KLD Design , supply, Installation, Testing & Commissioning of underground FRP tank based Package type prefabricated Moving Bed Bio Reactor Based Sewage Treatment Plant of 50 KLD capacity System. The FRP Tank should be suitable for installation below ground . Semi treated water from settling / Sedimentation zone shall be tertiary treated using a pressure sand filter, Activated Carbon Filter (ACF). System must be designed to meet the outlet parameters given below. The system must be provided with UV based disinfection at the final outlet. INLET EFFLUENT CHARACTERSTICS pH - 6.5 –8.5 BOD - 300-350Mg/L S. Solids - 400-500 Mg/L COD - 500-600 Mg/L Oil & Grease - 40-50 Mg / L DISCHARGE EFFLUENT CHARACTERSTICS AFTER TREATMENT pH - 6.0 – 9.0 BOD - Less than 10 Mg/L S. Solids - Less than 20 Mg/L COD - Less than 250 Mg/L Oil & Grease - Less than 10 Mg/L FRP Package type Sewage treatment plant shall include the following items: RCC Chamber with S.S Bar screen (Size shall be as per OEM) Oil & Grease Trap including RCC Chamber (Size shall be as per OEM) FRP underground Tank with different zone as below. (Complying Relevant IS/ International standard if any). Solid separation Zone Aeration zone with MBBR Reactors Sedimentation zone Raw sewage Pumps (1 working and 1 standby)- Capacity shall be as per OEM & Make shall be as per list of approved make. HDPE pipeline of suitable diameter as per OEM for raw sewage from septic tank to inlet of STP- 150m (approx) Air Blowers (1 working and 1 standby) - Capacity shall be as per OEM & Make shall be as per list of approved make. Filter feed Pumps (1 working and 1 standby)- Capacity shall be as per OEM & Make shall be as per list of approved make. Piping, valves etc Tertiary treatment plant with MGF filter and Activated carbon filter with FRP Tank Irrigation/ Final treated Water tank (FRP Tank capacity 10KL) Dedicated Irrigation / Final treated Water Transfer Pumps (Capacity 3 cum per hour with 30 mtr. Head) Electrical Panel as per OEM, Cabling and 2 Nos. GI Plate Earthing.	Job	1	2620000.00	2620000.00

	Note: i) Electrical cable from STP electrical panel to all STP equipments including making their connection, termination etc shall also be included in quoted price. ii) Total capacity of FRP underground tank shall be minimum 30KL (which shall include solid separation zone+ aeration zone + Sedimentation zone) and thickness of FRP underground tank shall be 20mm minimum. Semi treated water zone may be constructed in main FRP Tank or separate FRP Tank of capacity 5KL can be provided. iii) Contractor shall ensure submission of detailed GA drawings (Plan & Section), P&I diagram, schematic diagram for the above system including additional component if so required for the complete working of the STP before procurement of material for approval from Engineer-In-charge. Associated Civil works : A) EXCAVATION of soil, Construction of PCC, RCC, Brick work for mounting FRP Package type STP above & below ground, Foundation for Panel, HDPE tank, Air Blower, pumps etc. Complete as required. B)Construction of Bar screen chamber, Oil Grease trap etc complete as required already mentioned in Item No.01.				
2	Construction of Plant/Control Room of minimum size of 6 x 4 x 4 Mtr with good engineering practice and as per CPWD / IS specifications using Brick work, Cement Concrete for walls & Concrete Cement floor, suitable size reinforcement with galvanized iron profile roofing of minimum 0.5 mm thickness, complete with plastering , painting etc. as required. Providing 1 no. Aluminium Door & 2 nos Windows also in scope of contractor. Electrical works inside the control room i/c providing & fixing 4 Nos of LED type 20 W tube light fixture complete with all accesories & drivers etc including wiring, supply & installation i/c wiring of 02 number of 1200 mm sweep ceiling fans with regulators, supply, installation i/c wiring of 1 No. of 450 mm sweep exhaust fan including making holes to suit the size (all items should be as per approved makes) & providing point wiring & switch and sockets as per site requirement etc complete as directed by the Engineer-in-charge are also in scope of Contractor.	Job	1	575000.00	575000.00
3	Providing and fixing HDPE pipes, HDPE & brass threaded fittings for treated water reuse. This includes jointing of pipes & fittings, trenching, refilling & testing of joints complete as per direction of Engineer in Charge.				
i	63 mm dia	Mtr	500	160.00	80000.00
ii	25 mm dia	Mtr	100	120.00	12000.00
4	Demolishing cement concrete manually/ by mechanical means including disposal of material within 50 metres lead as per direction of Engineer-in-charge.	Cum	25	120.00	3000.00
5	Annual Operation and Comprehensive Maintainance Contract for five (5) Years				
	Annual operation and all- inclusive comprehensive maintenance of 50 KLD STP inclusive of all spares & material & carrying out breakdown & the preventive maintenance complete as per direction of AAI. (After testing, commissioning and handing over to AAI)				
i	First year (during Defect Liabilty Period) (17.28% of item no. 1)	Year	1	452736.00	452736.00
ii	Second year (after Defect Liabilty Period) (19.01% of item no. 1)	Year	1	498062.00	498062.00
iii	Third Year (after Defect Liabilty Period) (20.91% of item no. 1)	Year	1	547842.00	547842.00
iv	Fourth Year (after Defect Liabilty Period) (22.05% of item no. 1)	Year	1	577710.00	577710.00
v	Fifth Year (after Defect Liabilty Period) (22.65% of item no. 1)	Year	1	593430.00	593430.00

Total excluding GST **5959780.00**

(Rupees in Words: (Fifty Nine Lacs Fifty Nine Thousand and Seven Hundred Eighty Only)

Signature Not Verified

Digitally signed by SYED TANWEER ASHRAF
Date: 2024.04.02 12:01:49 IST
Location: eProcurement System for Central PSUs



17.02.2023
(सैयद तनुवीर अशरफ)
सहायक महाप्रबन्धक (अभि-वि.)
मा.वि.प्रा. गया हवाई अड्डा,
गया - 823004
A.A.I., Gaya