

संदर्भ सं. : भाविप्रा/गो/ सुगंध/ समप्र (अभि-वि)/का.आ.- 12/2022-23
Ref. No.: AAI/GO/ARMO-STP/SM(E-E)/W.O.-12/2022-23

दिनांक: 21.10.2022
Date: 21.10.2022

द्रुतगामी डाक द्वारा / By SPEED POST

सेवा मे, To,

M/s. Awetech Works Pvt. Ltd.
WZ-49/20B, 3rd Floor,
Village Budhella, Vikas Puri,
Near Saini Chowk, New Delhi - 110018

कार्य का नाम: वर्ष 2022-2024 के लिए गोवा हवाई अड्डे पर सीवेज ट्रीटमेंट प्लांट का वार्षिक संचालन और रखरखाव अनुबंध।

Name of Work: Annual operation and Maintenance Contract of Sewage Treatment Plant at Goa Airport for the year 2022-2024.

संदर्भ : आपका दिनांक 22.09.2022 को खोला गया ई-टेंडर । टेंडर आई डी: 2022_भाविप्रा_125859_1

Ref: Your E-tender opened on 22.09.2022 for Tender ID: 2022_AAI_125859_1

महोदय/Dear Sir (s),

- 1) उपर उल्लेखित कार्य हेतु आपका ई-टेंडर अध्यक्ष, भारतीय विमानपत्तन प्राधिकरण की ओर से स्वीकृत किया जाता है, आपके द्वारा बताए गये मद मूल्यों पर आपकी टेंडर राशि, कुल **रु. 49,65,442/-** (एक्सक्लूडिंग जीएसटी) (रुपये उनचास लाख पैंसठ हजार चार सौ बयालीस मात्र) है, जो कि अनुमानित राशि **रु. 60,70,962/-** (एक्सक्लूडिंग जीएसटी), से **18.21%** नीचे है।
- 1) Your E-tender for the work mentioned above is hereby accepted on behalf of Chairman, Airports Authority of India at the item rates quoted by you totaling to **Rs. 49,65,442/- (excluding GST)** (Rupees Forty Nine Lakh Sixty Five Thousand Four Hundred Forty Two Only), which is **18.21% Below** the estimated cost put to tender of **Rs. 60,70,962/- (excluding GST)**.
- 2) संयुक्त महाप्रबंधक (अभि-वि), भा.वि.प्रा., गोवा एयरपोर्ट इस कार्य के प्रभारी अभियंता होंगे। आपसे निवेदन है कि आप करारनामे पर हस्ताक्षर करने के लिए दिनांक: 31.10.2022 तक संयुक्त महाप्रबंधक (अभि-वि), भा.वि.प्रा. गोवा एयरपोर्ट के कार्यालय में उपस्थित हो तथा करारनामे को पूरा करें। ठेके का करारनामा 100/- रु (रुपये एक सौ मात्र) के नॉनजुडीशियल स्टैम्प पेपर पर निष्पादित किया जाएगा, तथा स्टैम्प पेपर का खर्च आपके द्वारा उठाया जाएगा
- 2) **Jt. General Manager (Engg.-E)**, AAI, Goa Airport shall be the **Engineer-in-charge** of the work. You are requested to attend the office of Jt. Gen. Manager (Engg.-E), AAI, Goa Airport, Goa, by **31.10.2022** to sign and complete the contract agreement. The contract agreement shall be executed on a non-judicial stamp paper of value **Rs.100/-** (Rupees One Hundred only) and the cost of the stamp paper shall be borne by you.

- 3) कृपया इस पत्रके जारी होने की तिथि से 10 दिनों के भीतर जमानत राशि **रु. 4,96,544/-** (रुपये चार लाख छियानवे हजार पाँच सौ चवालीस मात्र) जमा करें। अन्यथा ठेके के दास्तावेज के पृष्ठ SSC-6 पर दी गई शर्त 30 के अनुसार काट ली जायेगी।
- 3) Please Deposit **Rs. 4,96,544/-** (Rupees Four Lakh Ninety Six Thousand Five Hundred Forty Four 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 SCC Clause-30 of page no. SCC-6 of contract document.
- 4) आपसे निवेदन है कि अनुबंध श्रम (विनियम और उन्मूलन) अधिनियम 1970 और ठेका श्रम (विनियमन और उन्मूलन) केंद्रीय नियम 1971 बाल श्रम (निषेध और विनियमन) अधिनियम 1986, निर्माण श्रमिक (रोजगार का नियमन और सेवा की शर्त) अधिनियम 1986, भवन और निर्माण श्रमिक कल्याण उपकरण अधिनियम 1996 के अनुसार निविदा जी सी सी और केंद्रीय और राज्य सरकार के भवन और निर्माण कल्याण उपकरण अधिनियम 1996 के पृष्ठ सं 49 पर खंड 19 में विनिर्दिष्ट है।
- 4) You are requested to comply with the Provisions of Contract Labour (Regulation and Abolition) Act 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 49 of GCC of tender and rules of Central and State Government.
- 5) आपको निर्देश दिया जाता है कि आप तुरंत वरिष्ठ प्रबंधक (अभि-वि), भाविप्रा., गोवा एयरपोर्ट से मिले, वह आपको साइट सौंपने की व्यवस्था करेंगे।
- 5) You are also directed to contact **Sr. Manager (Engg-E)**, Airports Authority of India, Goa Airport immediately who will arrange to hand over the site to you.
- 6) कृपया नोट कर लें कि काम करने की अवधि 24 महीने है, जो कि इस तारीख 07.11.2022 को जारी होगा।
- 6) Please note that the time allowed for carrying out the work shall be **24 (Twelve) Months**, and same shall be reckoned from the 07.11.2022.
- 7) इस ठेके के संबंध में सभी पत्राचार प्रभारी अभियंता, को सम्बोधित किया जाये।
- 7) Any further correspondence in connection with the contract should normally be addressed to the Engineer-in-charge.
- 8) कृपया स्वीकृति के प्रतीक के रूप में इस पत्र के साथ संलग्न दूसरी प्रतिलिपी में हस्ताक्षर करने के बाद अधोहस्ताक्षरी को वापस करें।
- 8) 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.

भवदीय/ Yours faithfully,

संयुक्त महाप्रबंधक (अभि-वि) / Jt. General Manager (E-E)
 भा.वि.प्रा., गोवा विमानतल/AAI, Goa Airport.
 संयुक्त महाप्रबंधक (अभि-वि.)
 Joint General Manager (Engg.-Elect.),
 भा. वि. प्रा., गोवा विमानतल गोवा
 A. A. I., Goa Airport, Goa.

कृते तथा ओर से, अध्यक्ष, भा.वि.प्रा.,/For and on behalf of Chairman, AAI

संलग्न/Encl: SOQ (Schedules of Quantities) / एस ओ क्यू

SCHEDULE - A

Name of work: Annual Operation and Maintenance Contract of Sewage Treatment Plant at Goa Airport for the year 2022-2024.

Sr. No.	Description of item	Unit	Qty	Rate	Amount
1.00	Annual operation and Maintenance of Sewage Treatment Plant on round the clock (in 3 shifts per day) including Saturday, Sunday and other holidays at Goa International Airport by deploying most suitable manpower as follows: a.) Operator (skilled)-1 No in each shift b.) Helper (Semi-Skilled)-1 No in each shift. The maintenance shall include carrying out preventive maintenance (refer Preventive Maintenance Schedule) and breakdown maintenance including providing consumables, tools and plants etc as required.	Months	24.00	178040.00	4272960.00
2.00	Carrying out water sample testing of treated water of Sewage Treatment Plant from Govt. Lab/NABL accredited labs as per the latest norms of Government and submission of report on monthly basis.	Job	24.00	1640.00	39360.00
3.00	Rewinding of following Monoblock /submersible/ sewage / screw/dosing pump motors etc. including all other Associated works like Bearing replacement, Shaft works, metalling and machining etc. complete as required. Work to be carried out on as and when required.				
3.01	0.5HP (Dosing pump)	Job	2.00	1230.00	2460.00
3.02	1HP (Screw/monoblock)	Job	3.00	1094.00	3282.00
3.03	1.5HP (Screw/monoblock)	Job	3.00	1094.00	3282.00
3.04	3HP(Monoblock)	Job	3.00	1367.00	4101.00
3.05	5HP(Monoblock)	Job	4.00	1025.00	4100.00
3.06	5.5HP(Monoblock)	Job	1.00	5740.00	5740.00
3.07	7.5HP (Submersible)	Job	2.00	3280.00	6560.00
3.08	10HP (Vertical In-line Monoblock)	Job	1.00	8200.00	8200.00
3.09	15HP (Monoblock)	Job	3.00	3827.00	11481.00
4.00	Servicing, overhauling and repairing of 15 HP, 450-500 M3/hr Capacity of Twin lobe rotary Air blower, Make- Beta Maschinenfabrik having discharge pressure 0.4kg /cm ² , 'V' belt or flexible couple drive, 15HP foot mounted induction motor, TEFC, 1500 RPM 415 + 10% volts, 3 phase, 50Hz as required. Work to be carried out on as and when required.	Job	4.00	4100.00	16400.00


संयुक्त महाप्रबंधक (अभि.-वि.)
Joint General Manager (Engg.-Elect.),
भा.वि.प्रा., गोवा विमानपत्तन गोवा.

Sr. No.	Description of item	Unit	Qty	Rate	Amount
5.00	Servicing, overhauling and repairing of 15 HP, 450-500 M3/hr Capacity of Twin lobe rotary Air blower, Make-Rootech Root Blowers having discharge pressure 0.4kg /cm2, 'V' belt or flexible couple drive, 15HP foot mounted induction motor, TEFC, 1500 RPM 415 + 10% volts, 3 phase, 50Hz as required. Work to be carried out on as and when required.	Job	4.00	4100.00	16400.00
6.00	Servicing , overhauling and repairing of 5HP, 100-150 M3/hr Capacity of Twin lobe rotary Air blower, Make-Rootech Root Blowers having discharge pressure 0.6 kg /cm2, 'V' belt or flexible couple drive, 5HP foot mounted induction motor, TEFC, 1500 RPM 415 + 10% volts , 3 phase, 50Hz including gear ,bearing replacement works, greasing etc.as required. Work to be carried out on as and when required.	Job	2.00	8200.00	16400.00
7.00	Supply of 'V' belts for 15 HP, 450-500 M3/hr Capacity of Twin lobe rotary Air blower, Make- Beta Maschinenfabrik having discharge pressure 0.4kg /cm2 as required. Work to be carried out on as and when required.	Each	6.00	2734.00	16404.00
8.00	Supply of 'V' belts for 15 HP, 450-500 M3/hr Capacity of Twin lobe rotary Air blower, Make- Rootech Root Blowers having discharge pressure 0.4kg /cm2 as required. Work to be carried out on as and when required.	Each	4.00	4100.00	16400.00
9.00	Supply of 'V' belts for 5HP, 100-150 M3/hr Capacity of Twin lobe rotary Air blower, Make- Rootech Root Blowers having discharge pressure 0.6 kg /cm2 as required. Work to be carried out on as and when required.	Each	4.00	2050.00	8200.00
10.00	Supply and replacement of gear oil for Gear lubrication (Gearbox) and grease for 15 HP, 450-500 M3/hr Capacity of Twinlobe rotary Air blower, Make- Beta Maschinenfabrik having discharge pressure 0.4kg /cm2 as required. Note:The job is required to be done quarterly.	Job	8.00	1025.00	8200.00
11.00	Supply of gear oil Gear lubrication (Gearbox) and grease for 5HP/15 HP Capacity of Twin lobe rotary Air blower, Make- Rootech Root Blowers as required. Note: The job is required to be done quarterly	Job	8.00	1025.00	8200.00
12.00	Supply and replacement of Air filters for 15 HP, 450-500 M3/hr Capacity of Twin lobe rotary Air blower, Make- Beta Maschinenfabrik having discharge pressure 0.4kg /cm2 as required. Note: The job is required to be done half yearly.	Job	8.00	4100.00	32800.00
13.00	Supply and replacement of Air filters for 15 HP, 450-500 M3/hr Capacity of Twinlobe rotary Air blower, Make-Rootech Root Blowers having discharge pressure 0.4kg /cm2 as required. Note: The job is required to be done half yearly.	Job	8.00	4100.00	32800.00
14.00	Supply and replacement of Air filters for 5HP, 100-150 M3/hr Capacity of Twinlobe rotary Air blower, Make-Rootech Root Blowers having discharge pressure 0.6 kg /cm2 as required. Note: The job is required to be done half yearly.	Job	8.00	4100.00	32800.00


 संयुक्त महाप्रबन्धक (अभि.वि.)
 Joint General Manager (Engg.-Elect.),
 भा. वि. प्रा. गोवा विमानपत्तन गोवा.

Sr. No.	Description of item	Unit	Qty	Rate	Amount
15.00	Annual Overhauling, servicing, replacing of media, strainers, painting, minor repair work and commissioning of Multi-grade filter having down type flow of size 1200mm x 1500 mm height for treatment of clarified water tank of the STP complete as required.	Job	4.00	10250.00	41000.00
16.00	Annual Overhauling, servicing, replacing of media, strainers, painting, minor repair work and commissioning of Activated Carbon Filter having down type flow of size 1200mm x 1500 mm height for filtration of treated sewage water complete as required.	Job	4.00	10250.00	41000.00
17.00	Supply and installation of Micron Cartridge Filter of capacity 12.5 cum/hr, rating 100 micron, MOC: Sponge type cartridge filter for PLC based Ultra Filtration system installed for STP. Note: The job is required to be done quarterly	Job	8.00	656.00	5248.00
18.00	Servicing, dismantling, re-fixing, testing and commissioning of the existing UF hollow fiber membrane (MOC Polyether Sulfone (PES)) of Make-Qua, Model - Q SEP-6008 having permeate capacity of 12.5cum/hr, inside out flow path, max feed pressure 70PSI and this includes chemically enhanced backwash procedure, a combination of chemicals like citric Acid, Sodium Hypochlorite, Sodium Hydroxide, Sulfuric Acid, Hydrochloric Acid of PLC based Ultra Filtration system installed for STP complete as required. Note: The job is required to be done half yearly	Job	4.00	32800.00	131200.00
19.00	Cleaning of STP tanks with removal of waste material by means of mechanical suction system and disposal of waste material removed from STP tanks through tanker of minimum capacity 8000 litres including obtain necessary permission/license for disposal of material at designated disposal place earmarked by Goa Municipal corporation or any Govt. authority by following govt. environment policy/ norms/rules of Goa Municipal corporation. Note: Rate shall be quoted for per tanker.	Job	96.00	1709.00	164064.00
20.00	Supply of 20 kgs bucket of eco friendly, non-flammable bioculture powder for achieving a well settling MLSS (Mixed Liquor Suspended Solids) and shall be capable of reducing COD, BOD, TDS, hardness and obnoxious gases like Ammonia, H2S in wastewater tanks of Sewage Treatment Plant complete as required.	Each	10.00	1640.00	16400.00
TOTAL					Rs. 49,65,442.00

Jt. General Manager (Engg.-E)
AAI, Goa Airport

संयुक्त महाप्रबंधक (अभि.-वि.)
Joint General Manager (Engg.-Elect.),
भा. वि. प्रा., गोवा विमानपत्तन गोवा.
A. A. I., Goa Airport, Goa.

Signature Not Verified

Digitally signed by PANKAJ SURESH
WANJARI

Date: 2022.10.25 16:43:06 IST

Location: eProcurement System for Central
PSUs