

भारतीय विमानपत्तन प्राधिकरण AIRPORTS AUTHORITY OF INDIA

स0 न0: एएआई/एसएपी/ईजी.(वि.)/फूड कंपोस्टिंग/डब्ल्यू ओ-148/2022-23/3460-दिनांक: 17.08.2022
Ref. No. AAI/SAP/Engg.(E)/Food Composting/W.O-148/2022-23 68 Dt. 17.08.2022

सेवा में,

मै. स्मार्ट एनवायरो सिस्टम्स
प्राइवेट लिमिटेड, गेट नं 382
उरावडे, मुथा रोड,
ए/पी, पिरंगुत, ताल. मिलशी, डी.टी.
पुणे -412111, महाराष्ट्र

M/s Smart Enviro Systems
Pvt. Ltd., Gat No. 382
Urawade, Mutha Road,
A/P. Pirangut, Tal. Milshi, Dst.
Pune-412111, Maharashtra

विषय: ओल्ड एरिया, आईएनए कॉलोनी, जोरबाग, सीएडी, एयरपोर्ट लेन, सफदरजंग एयरपोर्ट पर ऑटोमेटिक फूड कंपोस्टिंग मशीन की एसआईटीसी।

उपशीर्षक:- आईएनए कॉलोनी में ऑटोमेटिक फूड कंपोस्टिंग मशीन की एसआईटीसी।

Subject:- SITC of Automatic Food Composting Machine at OLD Area, INA Colony, Jorbagh, CAD, Airport Lane, Safdarjung Airport.

SH:- SITC of Automatic Food Composting Machine at INA Colony.

संदर्भ i) आपकी खोली गई ई-निविदा दिनांक 26.07.2022. (Bid Invitation No. 2022_AAI_120016_1)
Ref: Your Price-bid opened on 26.07.2022.

महोदय,

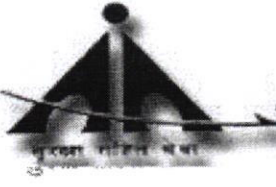
1. उपरोक्त कार्य हेतु आपका टेंडर अध्यक्ष, भारतीय विमानपत्तन प्राधिकरण की ओर से स्वीकृत किया जाता है, आपके द्वारा बताए आइटम मूल्यों पर आपका टेंडर कुल **₹ 34,11,545/-** (मात्र चौतीस लाख ग्यारह हजार पांच सौ पैंतालीस रुपये) है जो कि अनुमानित लागत राशि **₹ 34,78,858/-** से **1.93%** कम है (जी.एस.टी. को छोड़कर)।

Your 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. 34,11,545/-** (Rupees Thirty Four Lakhs Eleven Thousand Five Hundred & Forty Five Only) which is **1.93%** below from the estimated cost put to tender of **Rs. 34,78,858/- (excluding GST)**.

2. सहायक महा प्रबंधक अभियांत्रिकी (विद्युत), भारतीय विमानपत्तन प्राधिकरण, सफदरजंग हवाई अड्डा, नई दिल्ली 110003, इस कार्य के इंजीनियरिंग प्रभारी होंगे। आपसे अनुरोध है कि आप संविदा करार पर हस्ताक्षर करने एवं उसे पूरा करने हेतु **30.08.2022** तक सहायक महाप्रबंधक (अभि.-वि.), भारतीय विमानपत्तन प्राधिकरण, सफदरजंग हवाई अड्डा, नई दिल्ली-110003 के कार्यालय में उपस्थित हों। संविदा करार **Rs.100/-** (मात्र सौ रुपये) के गैर न्यायिक (नॉन-जूडिशियल) स्टांप पेपर पर बनाया जाएगा तथा स्टांप पेपर की लागत आपके द्वारा वहन की जाएगी।

Asstt. Gen. Manager Engg (Electrical), Safdarjung Airport, New Delhi, shall be the Engineer-in-charge of the work. You are requested to attend the office of the Asstt. G.M. Engg (Elect), AAI, Safdarjung Airport, New Delhi by **30.08.2022** to sign and complete the contract agreement. The contract agreement shall be executed on a non-judicial stamp paper of value of **Rs.100/-** (Rupees one hundred only) and the cost of the stamp paper shall be borne by you.

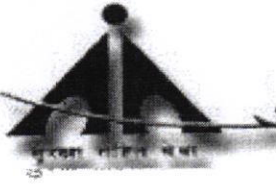
[Handwritten signature and date]
17/08/22
AGM/EE



भारतीय विमानपत्तन प्राधिकरण AIRPORTS AUTHORITY OF INDIA

3. कृपया इस पत्र के जारी होने की तिथि से 10 दिनों के भीतर शेष प्रतिभूति जमा के रूप में ₹0 3,41,155/- (मात्र तीन लाख इकतालीस हजार एक सौ पचपन रुपये) जमा करें अन्यथा इस राशि की कटौती संविदा कागजात के पृष्ठ जी सी सी- 16 पर जी सी सी के खण्ड- 1A के अनुसार आपके चालू बिलों से कर ली जाएगी।
Please deposit Rs. 3,41,155/- (Rupees Three Lakhs Forty One Thousand One Hundred & Fifty Five 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 clause no.- 1A at page no. GCC- 16 of the contract document.
4. आप से अनुरोध है कि आप संविदा श्रम (विनियम एवं उन्मूलन) अधिनियम 1970 तथा संविदा श्रम (विनियम एवं उन्मूलन) केन्द्रीय नियम 1971 एवं न्यूनतम मजदूरी अधिनियम के प्रावधानों और केन्द्रीय व राज्य सरकारों के तदसंबंधी नियमों का अनुपालन करें।
You are requested to comply with the provision of contract labour (Regulation & abolition) Act of 1970 and contract labour (Regulation & Abolition) Central Rules 1971 and minimum wages Act and Rules there of Central and state Govt.
5. आपको प्रबंधक (विधुत) भारतीय विमानपत्तन प्राधिकरण, सफदरजंग हवाई अड्डा, नई दिल्ली से तत्काल संपर्क करने का भी निर्देश दिया जाता है। आपको कार्यस्थल (साइट) सौंपने का कार्य उनके द्वारा ही किया जाएगा।
You are also directed to contact Manager (Engg.-E), Airports Authority of India, Safdarjung Airport, New Delhi, immediately who will arrange to hand over the site to you.
6. कृपया नोट करें कि कार्य पूरा करने के लिए आपको 04 (चार) महीने, का समय प्रदान किया जाता है। जोकि दिनांक 25.08.2022 से प्रारम्भ माना जाएगा।
Please note that the time allowed for carrying out the work shall be 04 (Four) months and same shall be reckoned from 25.08.2022.
7. ई-निविदा में उठाए गए सभी प्रश्न, स्पष्टीकरण इत्यादि तथा उनका भा.वि.प्रा द्वारा दिया गया उत्तर भी अनुबंध का भाग होगा।
All queries, clarifications etc. raised during e-tendering process and replies thereof shall also form part of the agreement.
8. संविदा के सम्बन्ध में भविष्य में किसी भी प्रकार का पत्र व्यवहार इंजीनियर-प्रभारी के नाम से किया जाएगा।
Any further correspondence in connection with the contract shall be addressed to the Engineer In-Charge.
9. कृपया पत्र की पावती भेजें तथा साथ में संलग्न इस पत्र की दूसरी प्रति पर स्वीकारोक्ति के रूप विधिवत् हस्ताक्षर करके हमें वापस भेजें।
Please acknowledge the receipt and return the duplicate copy of this letter enclosed herewith after duly signing it to the undersigned as a token of acceptance.

[Handwritten Signature]
17/08/22
Agm (EE)



भारतीय विमानपत्तन प्राधिकरण AIRPORTS AUTHORITY OF INDIA

10. ठेके की त्रुटि दायित्व अवधि एक साल है जोकि कार्य समाप्ति की तिथि से गिना जाएगा।
The defect liability period is 01 (One) Year after actual date of completion.
11. यदि कोई विसंगति पाई जाती है तो अंग्रेजी भाषा ही मान्य होगी।
In case of any discrepancy, English version will be taken as correct.
12. जीएसटी प्रावधानों का अनुपालन न करने और किसी इनपुट क्रेडिट के अवरुद्ध होने की स्थिति में एएआई की क्षतिपूर्ति करना आपकी जिम्मेदारी होगी।
In case of non-compliance of GST provisions and blockage of any input credit, it shall be your responsibility to indemnify AAI.
13. जीएसटी को छोड़कर दरों में सभी कर शामिल हैं। हालांकि, जीएसटी, जैसा लागू हो, अनुबंध के नियमों और शर्तों के अनुसार वैध जीएसटी चालान के खिलाफ एजेंसी द्वारा एएआई को प्रदान की गई किसी भी कर योग्य आपूर्ति/सेवाओं/निर्माण के लिए ठेकेदार को भुगतान किया जाएगा।
The rates are inclusive of all taxes but excluding of GST. However, GST, as applicable, shall be paid to the contractor for any taxable supply/ services/ construction rendered by the agency to AAI against a valid GST invoices as per terms and conditions of the contract.
14. सभी इनपुट क्रेडिट आपके द्वारा एएआई को दिए जाएंगे।
All input credits will be passed on to AAI by you.

भवदीय

Yours faithfully

(अशोक कुमार) / (Ashok Kumar)

सहायक महाप्रबंधक अभि. (वि.) / Asstt. Gen. Mgr. Engg (E)
अध्यक्ष, भारतीय विमानपत्तन प्राधिकरण की ओर एवं तरफ से
For & on behalf of Chairman, Airports Authority of India

संलग्न: शडयूल ऑफ कुएंन्टिटीज

Encl: Schedule of Quantities

Schedule of Work

Name of work: SITC of Automatic Food Composting Machine at OLD Area, INA Colony, Jorbagh, CAD, Airport Lane, Safdarjung Airport. SH:- SITC of Automatic Food Composting Machine at INA Colony.

Sl. No.	Description of Item	Unit	Qty	Rate	Amount
1.00	SH-I Electrical Works				
2.00	Supplying, Installation, Testing & Commissioning of fully automatic Organic Waste Composter Machine having in-built shredder to convert organic waste in to compost manure (within 3 to 4 days by aerobic composting) by volume reduction upto 80-90% of original volume by using aerobic technology with standard design for 300 Kg per day capacity of waste material after shredding, mixing, heating, etc complete. This machine should also have provision for manually operation. The body of composter should be made of Stainless steel of grade 304 and having minimum thickness 1.80 mm. The fully automatic Organic Waste Composter Machine had following main components: 1. Fully automatic continuous composting machine with composting capacity of 300 Kg/day made of 1.8 mm thick stainless steel (304 grade) body. 2. Suitable exhaust blower. 3. In built Electrical Panel board for all electric operation of machine/ shredder. 4. Stainless steel segregation table minimum size 1.5 Mtr.x 0.90 Mtr. & height 0.75 Mtr.	Each	2.00	1095000	2190000
3.00	Providing & fixing of 4" rigid PVC piping complete with fittings, supports etc and concealed in ground, wall/clamping on surface and sealing the joints including chase cutting/wall hole or any other minor civil work etc & making the good as required or as per the instruction of Engineer-in.charge.	Meter	80.00	1055	84400
4.00	SITC of dust & vermin proof outdoor floor mounted distribution feeder pillar (cannopy type roof) with IP 55 protection of suitable size on cement concrete foundations generally conforming to IS 5039 and to withstand rough usage and weather. The panel shall be fabricated with 14 SWG M.S. sheet with suitable flat iron frame work complete with hinged door on front with locking arrangement, doors/ covers for individual inside compartments, suitable angle/ channels frame in the bottom, legs for grouting in foundation, painting etc. including supplying and fixing of following accessories and making inter connections, earth connection with existing earthing etc. as per AAI specification (A) INCOMER (i) 250A, 25 KA, 4P T/M Release MCCB with extended rotary handle,(Make L&T or equivalent) - 01 no. (B) Bus bars 300A, Al Busbar. (C) OUTGOINGS (i) 63A, 25 KA, 4P T/M release MCCB with extended rotary handle (Make-L&T or equivalent)- 4 Nos (D) Metering /Indication (i) Ammeter with CT's and selector switch for incommer-1set (ii) LED indicating lamp-RYB and on for I/C- 1 set (iii) Voltmeter with selector switch for I/C-1set (iv) LED indicating lamp for ON Indication -For outgoing feeder- 4 Nos (v) Suitable heavy duty strip connector & interconnection With suitable size copper flexible cable/ Aluminum strip.	Each	1.00	95000	95000
5.00	Supply of following sizes of 1.1kv grade multicore Aluminium conductor XLPE insulated PVC sheathed armoured cable (as per IS : 7098:1988 with upto date amendments) complete as required as per specifications.				
5.01	3.5 core, 50 Sqmm, Aluminium cable	Meter	250.00	635	158750

17/8/22
Agm (E)

Sl. No.	Description of Item	Unit	Qty	Rate	Amount
6.00	Laying of one number PVC insulated and PVC sheathed / XLPE power cable of 1.1 KV grade of following size direct in ground including excavation, sand cushioning, protective covering and refilling the trench etc as required.				
6.01	Above 35 sq. mm and upto 95 sq. mm	Meter	150.00	335	50250
7.00	Laying and fixing of one number PVC insulated and PVC sheathed / XLPE power cable of 1.1 KV grade of following size on wall surface as required.				
7.01	Above 35 sq. mm and upto 95 sq. mm (clamped with 25x3mm MS flat clamp)	Meter	100.00	115	11500
8.00	Earthing with G.I. earth pipe 4.5 metre long, 40 mm dia including accessories, and providing masonry enclosure with cover plate having locking arrangement and watering pipe etc. with charcoal/ coke and salt as required.	Each	4.00	5500	22000
9.00	Supplying and laying 6 SWG G.I. wire at 0.50 metre below ground level for conductor earth electrode, including connection/ termination with GI thimble etc. as required	Meter	30.00	45	1350
10.00	Providing and laying earth connection from earth electrode with 6 SWG dia G.I. Wire in 15 mm dia G.I. pipe from earth electrode including connection with G.I. thimble excavation and re-filling as required.	Meter	20.00	190	3800
11.00	Providing and fixing 25 mm X 5 mm G.I. strip in 40 mm dia G.I. pipe from earth electrode including connection with G.I. nut, bolt, spring, washer excavation and re-filling etc. as required.	Meter	20.00	200	4000
12.00	Supplying and laying 25 mm X 5 mm G.I strip at 0.50 metre below ground as strip earth electrode, including connection/ terminating with G.I. nut, bolt, spring, washer etc. as required. (Jointing shall be done by overlapping and with 2 sets of G.I. nut bolt & spring washer spaced at 50mm)	Meter	20.00	350	7000
13.00	Providing and laying in position cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size) in foundation of pump, DG set etc including form work etc as required.	Cum	10.00	7300	73000
14.00	SH-II Civil Works				
15.00	Clearing grass and removal of the rubbish up to a distance of 50 m outside the periphery of the area cleared.	sqm	400.00	7.00	2800.00
16.00	Earth work in excavation by mechanical means (Hydraulic excavator)/ manual means over areas (exceeding 30 cm in depth, 1.5 m in width as well as 10 sqm on plan) including getting out and disposal of excavated earth lead upto 50 m and lift upto 1.5 m, as directed by Engineer-in-charge. All kinds of soil.	cum	5.00	200.00	1000.00
17.00	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level : 1:4:8 (1 Cement : 4 coarse sand (zone-III) derived from natural sources : 8 graded stone aggregate 40 mm nominal size derived from natural sources).	cum	5.00	6400.00	32000.00
18.00	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level : 1:2:4 (1 Cement : 2 coarse sand (zone-III) derived from natural sources : 4 graded stone aggregate 40 mm nominal size derived from natural sources).	cum	13.00	7200.00	93600.00
19.00	Providing and laying in position specified grade of reinforced cement concrete, excluding the cost of centering, shuttering, finishing and reinforcement - All work up to plinth level : 1:1.5:3 (1 cement : 1.5 coarse sand (zone-III) derived from natural sources : 3 graded stone aggregate 20 mm nominal size derived from natural sources).	cum	3.00	8000.00	24000.00

Sl. No.	Description of Item	Unit	Qty	Rate	Amount
20.00	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete upto plinth level. Thermo-Mechanically Treated bars of grade Fe-500D or more.	kg	475.00	80.00	38000.00
21.00	Providing and fixing bolts including nuts and washers complete.	Kg	50.00	145.00	7250.00
22.00	Steel work in built up tubular (round, square or rectangular hollow tubes etc.) trusses etc., including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer, including welding and bolted with special shaped washers etc. complete. Hot finished welded type tubes.	kg	2309.00	155.00	357895.00
23.00	Centering and shuttering including strutting, propping etc. and removal of form for Foundations, footings, bases of columns, etc. for mass concrete.	sqm	9.00	310.00	2790.00
24.00	Centering and shuttering including strutting, propping etc. and removal of form for Columns, Pillars, Piers, Abutments, Posts and Struts.	sqm	29.00	790.00	22910.00
25.00	Providing and fixing precoated galvanised iron profile sheets (size, shape and pitch of corrugation as approved by Engineer-in-charge) 0.50 mm (+ 0.05 %) total coated thickness with zinc coating 120 grams per sqm as per IS: 277, in 240 mpa steel grade, 5-7 microns epoxy primer on both side of the sheet and polyester top coat 15-18 microns. Sheet should have protective guard film of 25 microns minimum to avoid scratches during transportation and should be supplied in single length upto 12 metre or as desired by Engineer-in-charge. The sheet shall be fixed using self drilling /self tapping screws of size (5.5x 55 mm) with EPDM seal, complete upto any pitch in horizontal/ vertical or curved surfaces, excluding the cost of purlins, rafters and trusses and including cutting to size and shape wherever required.	sqm	126.00	675.00	85050.00
26.00	Providing and laying 60mm thick factory made cement concrete interlocking paver block of M -30 grade made by block making machine with strong vibratory compaction, of approved size, design & shape, laid in required colour and pattern over and including 50mm thick compacted bed of coarse sand, filling the joints with line sand etc. all complete as per the direction of Engineer-in-charge.	sqm	48.00	900.00	43200.00
				Total Rs.	3411545.00
				Say Rs.	3411545.00

(Rupees Thirty Four Lakhs Eleven Thousand Five Hundred & Forty Five Only)

17/08/22
 अशोक कुमार / Ashok Kumar
 सहायक महाप्रबन्धक (विद्युत/संग्रह)
 Asstt. General Manager (Elect./Store)
 भारतीय विमानपत्तन निगम / Airport Authority of India
 सफ़दरजंग इवाई, सड़क, सादरजंग (B-4)
 नई दिल्ली-110003 / Sadarjung Airport