



भारतीय विमानपत्तन प्राधिकरण

AIRPORTS AUTHORITY OF INDIA

No: AAM/ENGG/ELEC/AMED-XI/FMC/2021-22/A- 13

Date: 29.03.2022

To
M/s. Delite Systems Engineering (I) Pvt. Ltd.,
#201, Shalaka, Plot No.32, TPS II,
Juhu Road, Santacruz (West),
Mumbai-400054.

Name of Work: Facility Management of Electrical and Mechanical equipments of Elevators, Escalators, Travellators, Passenger Boarding Bridges, Conveyor Belt and Standalone Weighing Scales at Chennai International Airport (Year 2022-2024).

Ref: 1) e-Tender ID: 2022_AAI_102539_1.

2) Price Bid opened on 07.03.2022.

Dear Sir(s),

1. Your e-tender for the work mentioned above is hereby accepted on behalf of Chairman, Airports Authority of India, at the item rate quoted by you totaling to **Rs.5,44,19,500.00** (Rupees Five Crore Forty Four Lakhs Nineteen Thousand Five Hundred Only), which is 14.69% below than the estimated/justified cost of Rs. 6,37,87,598.00 put to tender. The rates are exclusive of GST, EPF, ESI/Medi. Claim & Bonus.
2. Joint General Manager (Engg-Elect)-I, AMED, AAI, Chennai Airport shall be the Engineer-In-Charge of the work. You are requested to attend the office of Joint General Manager (Engg. - Elect)-I, AAI, Chennai Airport by 11.04.2022 to sign and complete the contract agreement. The contract agreement shall be executed on a non-judicial stamp paper of value of Rs.100.00 (Rupees One Hundred Only) and the cost of the stamp paper shall be borne by you.
3. As you are participated as MSME bidder registered under NSIC, the Earnest Money Deposit is exempted in above e-tender. You are requested to submit Bank guarantees as below within 30 days of commencement of contract, failing which, the same will be deducted as per para-30 of SCC of contract agreement:
 - i) Performance Guarantee: Rs.16,32,585.00, which is @ 3% against Performance Guarantee of contract value and be valid for the full contract period + 06 Months (180 days as per Clause-1 of GCC) i.e., Upto 31.10.2024.
 - ii) Security Deposit: Rs.27,20,975.00, which is @ 5% against Security Deposit of contract value and be valid for the full contract period + 06 Months of Defects Liability Period i.e., Upto 31.10.2024.
4. You are requested to comply with the Provision 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 No.19 of GCC of AAI and rules of Central and State Government.

Contd./2...

फैक्स : 044 - 2256 0008 इ पी ए बी एक्स : 2256 0551, चेन्नै एयरपोर्ट, चेन्नै - 600 027.

FAX : 044 - 2256 0008 EPABX : 2256 0551, Chennai Airport, Chennai - 600 027.



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5. You are also directed to contact Asst. General Manager (Engg.-Elect), AMED-XI immediately, who will arrange to handover the site to you.
6. Please note that the time allowed for carrying out the work shall be **24 (Twenty Four) Months and same shall be reckoned from 01.04.2022.** (Phase-I: 1st year - 12 Months and Phase-II: 2nd year - 12 Months).
7. Any further correspondence in connection with the contract should normally be addressed to the Engineer-in-charge i.e., Joint General Manager (Engg-Elect)-I, AMED, Chennai Airport.
8. All other Terms and Conditions shall be as per Agreement.
9. 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.

Encl: Schedule of Quantities (06 Sheets).

Yours faithfully,

(G.N.D. Kennedy)
Jt. General Manager (Engg-Elect.)-I
AMED, AAI, Chennai Airport
For and on behalf of the Chairman,
Airports Authority of India.

SCHEDULE OF QUANTITIES					
Name of work: Facility Management of Electrical and Mechanical equipments of Elevators, Escalators, Travellators, Passenger Boarding Bridges, Conveyor Belt and Standalone weighing Scales at Chennai International Airport (Year 2022-2024).					
PHASE-I: FIRST YEAR (01.04.2022 to 31.03.2023)					
Sl.No.	Description of Item	Qty	Unit	Rate (INR) (Excluding GST)	Amount (INR) (Excluding GST)
1	Mechanised Maintaining the Cleanness of Escalators of vertical rise height of 6mtr/10.5mtr, Travellators and Elevators (inner walls, ceiling, floor & door movement track) in all the terminals of Chennai Airport daily including Sundays and Holidays using automated machine with eco-friendly non-corrosive chemicals having corrosion inhibitor i/c manual cleaning of balustrades, landing plates etc. as required and as per special conditions of contract and as per the directions of Engineer-in-charge. (Note: Maintaining the Cleanliness of one no. escalator/travellator/ elevator for one month shall be treated as 1 job. The manpower details and detailed scope of work will be as per SCC. The quoted rate is exclusive of GST, EPF, ESI/Mediclaim & Bonus).	1056	Job	4,082.00	43,10,592.00
2	Maintaining the Cleanness of Passenger Boarding Bridge interior & exterior by mechanical & manual means by using suitable cleaning materials on daily basis including Sundays & Holidays as per special conditions of contract and as per directions of the Engineer-in-charge. (Note: Maintaining the Cleanliness of one no. Passenger Boarding Bridge for one month shall be treated as 1 job. The manpower details and details scope of work will be as per SCC. The quoted rate is exclusive of GST, EPF, ESI/Mediclaim & Bonus).	180	Job	12,014.00	21,62,520.00
3	Monitoring the smooth & safe operation of 6.0mtr/10.5mtr height Escalators and Travellator in all the terminals of Chennai Airport on round the clock basis in three shifts including sundays & holidays as per special conditions of contract and as per directions of Engineer-in-charge. (Note: Monitoring One No. location for one month shall be treated as 1 job. The manpower details and detailed scope of work will be as per SCC. The quoted rate is exclusive of GST, EPF, ESI/Mediclaim & Bonus).	144	Job	88,792.00	1,27,86,048.00
4	Providing the 02 Nos. Lift Technicians (for handling lifts of all makes and rescuing passengers entrapped if any) and 02 Nos. Supervisors in each shift on round the clock basis on all days including Sundays and Holidays and as per special conditions of contract and including 01 No. Document Writer, 01 No. LMV Driver (Vehicle and Fuel provided by AAI) in general shift on all days excluding Sundays and as per the directions of Engineer-in-charge. (Note: The manpower details and details scope of work will be as per SCC. The quoted rate is exclusive of GST, EPF, ESI/Mediclaim & Bonus).	12	Month	4,35,232.00	52,22,784.00
5	Obtaining Lift / Escalator Insurance from the Registered Insurance company as required and as per directions of Engineer-In-Charge. (The quoted rate is exclusive of GST).	80	Nos	999.00	79,920.00
6	Obtaining Lift License from the Lift Licensing Authority i.e., Govt. of Tamil Nadu by applying three months prior to the date of expiry of the licence, as required and as per directions of Engineer-In-Charge. (The quoted rate is exclusive of GST).	10	Nos	5,599.00	55,990.00
7	Obtaining Escalator License from the Licensing Authority i.e., Govt. of Tamil Nadu as per the statutory rules and as per directions of Engineer-In-Charge. (The quoted rate is exclusive of GST).	10	Nos	10,999.00	1,09,990.00

Sl.No.	Description of Item	Qty	Unit	Rate (INR) (Excluding GST)	Amount (INR) (Excluding GST)
8	Providing man power to attend any urgent / emergency work etc., as and when required as per directions of Engineer-in-charge. (The quoted rate is exclusive of GST, EPF, ESI/Mediclaim & Bonus).				
8.1	Unskilled labour	60	Days	500.00	30,000.00
8.2	Semiskilled labour	30	Days	600.00	18,000.00
8.3	Skilled labour	30	Days	699.00	20,970.00
9	Providing and fixing of Etched Stainless-Steel name plates with lacquer coating (name & colour decided by AAI) for all Elevators in the customized sizes as required and as per directions of Engineer-in Charge. (The quoted rate is exclusive of GST).	30	Sq.ft	2,000.00	60,000.00
10	Providing and fixing of customized Poly Vinyl Sticker for all Lifts/Escalator/Travellator/Conveyor/PBB and other locations as required and as per the directions of Engineer-in-charge. (The quoted rate is exclusive of GST).	100	Sq.ft	199.00	19,900.00
11	Providing and fixing of Polyvinyl chloride sheet flooring of thickness 2mm (vinyl flooring) and sticking with rubber based adhesives of approved quality and manufacturer like Dunlop S-758, Fevicol SR 998 or equivalent of approved pattern and colour including rolling with light wooden roller weighing about 5kg after cleaning the surface etc., and as directed by the Engineer-In- Charge. (The quoted rate is exclusive of GST).	200	Sq.ft	79.00	15,800.00
12	Routine / Preventive / Breakdown Maintenance of 3 Nos. Slopped Pallet type Arrival Baggage Conveyor System including all its associated installations installed at old International Arrival i/c monitoring the operation of systems and ensuring smooth operation of the conveyor etc., as per special conditions of contract and directions of Engineer-in-charge. (Note: Maintenance of One No. Conveyor for one month shall be treated as 1 job. The manpower details and detailed scope of work will be as per SCC. The quoted rate is exclusive of GST, EPF, ESI/Mediclaim & Bonus)	36	Job	57,895.00	20,84,220.00
13	Providing hot vulcanizing joint suitable for 2 ply, 900,1000 & 1300 mm wide, 3.0 mm thick polyurethane impregnanated conveyor belts i/c cutting, making vulcanizing joint and alignment of belt etc. as required. (The quoted rate shall be exclusive of GST.)	10	Joint	1,200.00	12,000.00
14	Providing joint by using the fastener suitable for 2 ply, 900,1000 & 1300 mm wide, 3.0 mm thick polyurethane impregranated conveyor belts i/c cutting, making fastner joint and alignment of belt etc. as required. (The quoted rate shall be exclusive of GST.)	5	Joint	3,999.00	19,995.00
15	Supply of following items for AIT Arrival Conveyor System as and when required. (The quoted rate is exclusive of GST)				
15.1	Belt (Length-3550mm, Width-56mm, Thickness-7mm, No.of ribs-12) for Friction drives suitable for Vanderlande Make Carousel.	2	Nos	9,000.00	18,000.00
15.2	Foot Bumper/Flaps/Side bumper (Black Colour) suitable for the Vanderlande Make Carousel.	100	Nos	699.00	69,900.00
15.3	Tyred Wheels suitable for M/s Vanderlande Make Carousel.	150	Nos	499.00	74,850.00

Sl.No.	Description of Item	Qty	Unit	Rate (INR) (Excluding GST)	Amount (INR) (Excluding GST)
16	Minor Repair and Servicing of Carousel Drive Motor (Make: Nord, 2.2 KW) with Gearbox including replacement of wornout bearings,oil seals,Terminal connectors and other related hardware items etc. as required by indigenous vendors as and when required. (The quoted rate shall be exclusive of GST)	2	Nos	5,000.00	10,000.00
17	All Inclusive Comprehensive maintenance Contract for Standalone type electronic weighing scales at Chennai Airport, which shall include monthly visit for carrying out preventive maintenance, breakdown maintenance as and when required for a period of one year including repair/replacement of all defective spares including load cell, display unit etc. with minimum down time etc. as per Special conditions of contract and complete as required. (Note: Maintenance of One No. Standalone Weighing Scale for one month shall be treated as 1 job. The quoted rate shall be exclusive of GST.)				
17.1	11 Nos. Standalone type Electronic Weighing scales at NDT & NIT	132	Job	599.00	79,068.00
18	Obtaining Stamping and Certificate of verification of the following weighing machines from the Department of Legal Metrology, Govt. of Tamil Nadu as per the existing legal metrology norms applicable for electronic weighing machines including service charges,Conveyance fee and all other applicable charges. (The quoted rate shall be exclusive of GST.)				
18.1	11 Nos. Standalone type Electronic Weighing scales at NDT & NIT.	11	Nos	1,799.00	19,789.00
19	Supply of 300 kgs Capacity, Platform type Standalone Electronic Weighing machine complete with all accessories such as Load Cell, SS platform(Size Min 800 mm X 800 mm), model approved by the Govt. including initial stamping and certificate of calibration by the Legal Metrological Dept.,transportation,testing and commissioning etc. as required (Make Essae Model-SI810 Low Profile or M/s Leotronic Model -EPS 301 or equivalent in any of Govt approved make) as and when required. (The quoted rate shall be exclusive of GST)	3	Nos	13,999.00	41,997.00
Total - First Year (Excluding GST)					2,73,22,333.00

(Rupees Two Crore Seventy Three Lakhs Twenty Two Thousand Three Hundred and Thirty Three Only)

Note: Applicable GST shall be paid on submission of taxable invoice.


 (G.N.D.Kennedy)
 Joint General Manager(Engg-E)-I
 AAI/Chennai Airport

SCHEDULE OF QUANTITIES

Name of work: Facility Management of Electrical and Mechanical equipments of Elevators, Escalators, Travellators, Passenger Boarding Bridges, Conveyor Belt and Standalone weighing Scales at Chennai International Airport (Year 2022-2024).

PHASE-II: SECOND YEAR (01.04.2023 to 31.03.2024)

Sl.No.	Description of Item	Qty	Unit	Rate (INR) (Excluding GST)	Amount (INR) (Excluding GST)
20	Mechanised Maintaining the Cleanness of Escalators of vertical rise height of 6mtr/10.5mtr, Travellators and Elevators (inner walls, ceiling, floor & door movement track) in all the terminals of Chennai Airport daily including Sundays and Holidays using automated machine with eco-friendly non-corrosive chemicals having corrosion inhibitor i/c manual cleaning of balustrades, landing plates etc. as required and as per special conditions of contract and as per the directions of Engineer-in-charge. (Note: Maintaining the Cleanliness of one no. escalator/travellator/ elevator for one month shall be treated as 1 job. The manpower details and detailed scope of work will be as per SCC. The quoted rate is exclusive of GST, EPF, ESI/Medicaid & Bonus).	1056	Job	4,082.00	43,10,592.00
21	Maintaining the Cleanness of Passenger Boarding Bridge interior & exterior by mechanical & manual means by using suitable cleaning materials on daily basis including Sundays & Holidays as per special conditions of contract and as per directions of the Engineer-in-charge. (Note: Maintaining the Cleanliness of one no. Passenger Boarding Bridge for one month shall be treated as 1 job. The manpower details and details scope of work will be as per SCC. The quoted rate is exclusive of GST, EPF, ESI/Medicaid & Bonus).	180	Job	12,014.00	21,62,520.00
22	Monitoring the smooth & safe operation of 6.0mtr/10.5mtr height Escalators and Travellator in all the terminals of Chennai Airport on round the clock basis in three shifts including sundays & holidays as per special conditions of contract and as per directions of Engineer-in-charge. (Note: Monitoring One No. location for one month shall be treated as 1 job. The manpower details and detailed scope of work will be as per SCC. The quoted rate is exclusive of GST, EPF, ESI/Medicaid & Bonus).	144	Job	88792.00	1,27,86,048.00
23	Providing the 02 Nos. Lift Technicians (for handling lifts of all makes and rescuing passengers entrapped if any) and 02 Nos. Supervisors in each shift on round the clock basis on all days including Sundays and Holidays and as per special conditions of contract and including 01 No. Document Writer, 01 No. LMV Driver (Vehicle and Fuel provided by AAI) in general shift on all days excluding Sundays and as per the directions of Engineer-in-charge. (Note: The manpower details and details scope of work will be as per SCC. The quoted rate is exclusive of GST, EPF, ESI/Medicaid & Bonus).	12	Month	4,35,232.00	52,22,784.00
24	Obtaining Lift / Escalator Insurance from the Registered Insurance company as required and as per directions of Engineer-In-Charge. (The quoted rate is exclusive of GST).	80	Nos	999.00	79,920.00
25	Obtaining Lift License from the Lift Licensing Authority i.e., Govt. of Tamil Nadu by applying three months prior to the date of expiry of the licence, as required and as per directions of Engineer-In-Charge. (The quoted rate is exclusive of GST).	5	Nos	5,999.00	29,995.00
26	Obtaining Escalator License from the Licensing Authority i.e., Govt. of Tamil Nadu as per the statutory rules and as per directions of Engineer-In-Charge. (The quoted rate is exclusive of GST).	6	Nos	10,999.00	65,994.00

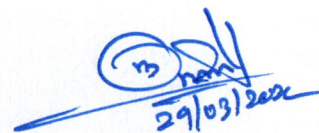
Sl.No.	Description of Item	Qty	Unit	Rate (INR) (Excluding GST)	Amount (INR) (Excluding GST)
27	Providing man power to attend any urgent / emergency work etc., as and when required as per directions of Engineer-in-charge. (The quoted rate is exclusive of GST, EPF, ESI/Mediclaim & Bonus).				
27.1	Unskilled labour	60	Days	500.00	30,000.00
27.2	Semiskilled labour	30	Days	500.00	15,000.00
27.3	Skilled labour	30	Days	600.00	18,000.00
28	Providing and fixing of Etched Stainless-Steel name plates with lacquer coating (name & colour decided by AAI) for all Elevators in the customized sizes as required and as per directions of Engineer-in Charge. (The quoted rate is exclusive of GST).	30	Sq.ft	2,000.00	60,000.00
29	Providing and fixing of customized Poly Vinyl Sticker for all Lifts/Escalator/Travellator/Conveyor/PBB and other locations as required and as per the directions of Engineer-in-charge. (The quoted rate is exclusive of GST).	100	Sq.ft	199.00	19,900.00
30	Providing and fixing of Polyvinyl chloride sheet flooring of thickness 2mm (vinyl flooring) and sticking with rubber based adhesives of approved quality and manufacturer like Dunlop S-758, Fevicol SR 998 or equivalent of approved pattern and colour including rolling with light wooden roller weighing about 5kg after cleaning the surface etc., and as directed by the Engineer-In- Charge. (The quoted rate is exclusive of GST).	200	Sq.ft	59.00	11,800.00
31	Routine / Preventive / Breakdown Maintenance of 3 Nos. Slopped Pallet type Arrival Baggage Conveyor System including all its associated installations installed at old International Arrival i/c monitoring the operation of systems and ensuring smooth operation of the conveyor etc., as per special conditions of contract and directions of Engineer-in-charge. (Note: Maintenance of One No. Conveyor for one month shall be treated as 1 job. The manpower details and detailed scope of work will be as per SCC. The quoted rate is exclusive of GST, EPF, ESI/Mediclaim & Bonus)	36	Job	57,895.00	20,84,220.00
32	Providing hot vulcanizing joint suitable for 2 ply, 900,1000 & 1300 mm wide, 3.0 mm thick polyurethane impregnanated conveyor belts i/c cutting, making vulcanizing joint and alignment of belt etc. as required. (The quoted rate shall be exclusive of GST.)	10	Joint	999.00	9,990.00
33	Providing joint by using the fastener suitable for 2 ply, 900,1000 & 1300 mm wide, 3.0 mm thick polyurethane impregnanated conveyor belts i/c cutting, making fastner joint and alignment of belt etc. as required. (The quoted rate shall be exclusive of GST.)	5	Joint	1,200.00	6,000.00
34	Supply of following items for AIT Arrival Conveyor System as and when required. (The quoted rate is exclusive of GST)				
34.1	Belt (Length-3550mm, Width-56mm, Thickness-7mm, No.of ribs-12) for Friction drives suitable for Vanderlande Make Carousel.	2	Nos	3,000.00	6,000.00
34.2	Foot Bumper/Flaps/Side bumper (Black Colour) suitable for the Vanderlande Make Carousel.	100	Nos	199.00	19,900.00
34.3	Tyred Wheels suitable for M/s Vanderlande Make Carousel.	150	Nos	199.00	29,850.00

Sl.No.	Description of Item	Qty	Unit	Rate (INR) (Excluding GST)	Amount (INR) (Excluding GST)
35	Minor Repair and Servicing of Carousel Drive Motor (Make: Nord, 2.2 KW) with Gearbox including replacement of wornout bearings,oil seals,Terminal connectors and other related hardware items etc. as required by indigenous vendors as and when required. (The quoted rate shall be exclusive of GST)	2	Nos	2,000.00	4,000.00
36	All Inclusive Comprehensive maintenance Contract for Standalone type electronic weighing scales at Chennai Airport, which shall include monthly visit for carrying out preventive maintenance, breakdown maintenance as and when required for a period of one year including repair/replacement of all defective spares including load cell, display unit etc. with minimum down time etc. as per Special conditions of contract and complete as required. (Note: Maintenance of One No. Standalone Weighing Scale for one month shall be treated as 1 job. The quoted rate shall be exclusive of GST.)				
36.1	11 Nos. Standalone type Electronic Weighing scales at NDT & NIT	132	Job	499.00	65,868.00
37	Obtaining Stamping and Certificate of verification of the following weighing machines from the Department of Legal Metrology, Govt. of Tamil Nadu as per the existing legal metrology norms applicable for electronic weighing machines including service charges,Conveyance fee and all other applicable charges. (The quoted rate shall be exclusive of GST.)				
37.1	11 Nos. Standalone type Electronic Weighing scales at NDT & NIT.	11	Nos	1,799.00	19,789.00
38	Supply of 300 kgs Capacity, Platform type Standalone Electronic Weighing machine complete with all accessories such as Load Cell, SS platform(Size Min 800 mm X 800 mm), model approved by the Govt. including initial stamping and certificate of calibration by the Legal Metrological Dept.,transportation,testing and commissioning etc. as required (Make Essae Model-SI810 Low Profile or M/s Leotronic Model -EPS 301 or equivalent in any of Govt approved make) as and when required. (The quoted rate shall be exclusive of GST)	3	Nos	12,999.00	38,997.00
Total - Second Year (Excluding GST)					2,70,97,167.00

(Rupees Two Crore Seventy Lakhs Ninety Seven Thousand One Hundred and Sixty Seven Only)

Total for 2Years: Rs.5,44,19,500.00 (Rupees Five Crore Forty Four Lakhs Nineteen Thousand Five Hundred Only) for First Year: Rs. 2,73,22,333.00 and Second Year: Rs. 2,70,97,167.00 (Excluding GST, EPF, ESI/Medi. Claim & Bonus.)

Note: Applicable GST shall be paid on submission of taxable invoice.


29/03/2022

(G.N.D.Kennedy)
Joint General Manager(Engg-E)-I
AAI/Chennai Airport

Signature Not Verified

Digitally signed by PARTHA SAHA
Date: 2022.03.31 11:33:24 IST
Location: eProcurement System for Central PSUs

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