

No. AAI/SR/Salem/Engg(C)/Perimeter wall/2023-24/86

Dt. 28.08.2023

To,

M/s Sri Maruthi Constructions,
No: 4 /474, Kodikadu,
Pottipuram,
Kadayampatti,
Salem - 636309.

Sub: Construction of Perimeter wall around FTO's and Frisking rooms at Salem airport.
SH: Civil works.

Ref: 1. Your e-tender (Envelope II - Price bid) opened on 08.08.2023
2. Tender ID No. 2023_AAI_159012_1

Sir,

1. Your E-tender for the work mentioned above is hereby accepted on behalf of the Chairman, Airports Authority of India at the item rates quoted by you totaling to Rs. 44,32,734.00 (Rupees Forty four lakhs thirty two thousand seven hundred and thirty four only) plus applicable GST @ 18%, which is 17.91% below the estimated cost put to tender of Rs. 54.00 Lakhs.
2. Dy. Gen. Manager (Engg-Civil), AAI, RHQ-SR, Operational offices, Chennai-600 016 shall be the Engineer- in- Charge of the work. You are requested to attend the office of the Dy. Gen. Manager (Engg-Civil), AAI, RHQ-SR, Chennai – 600 016 within 15 days from the stipulated date of start of work 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 stamp paper shall be borne by you.
3. You are directed to deposit Rs. 4,43,273.00 (Rupees Four lakhs forty three thousand two hundred and seventy three only) towards security deposit within 10 days from the date of issue of this letter, failing which, 10% of value of work done will be deducted from the running account bills as security deposit as per condition of Clause No.1(A) on page No. 16 of the Tender Document. The Earnest Money Amount of Rs. 1,08,000.00 (Rupees One lakh and eight thousand only) received on line payment through CPP portal along with your tender will be refunded after depositing of security deposit or after deduction of the EMD amount as security deposit from the running bills.



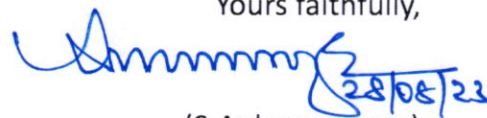
28/08/23

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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 and minimum wages Act and rules thereof Central and State Governments.
5. You are also directed to contact JE (Engg-Civil), AAI, Salem Airport immediately who will arrange to hand over the site to you.
6. Please note that the time allowed for carrying out the work shall be **06 (SIX) Months including 30 (Thirty) days considered for rains** and same shall be reckoned from the tenth day after issue of this letter.
7. Any further correspondence in connection with the contract should normally be addressed to the Engineer-in-charge.
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.

Yours faithfully,



(S.Anbumurugan)

Dy. Gen. Manager (Engg-Civil)
AAI, RHQ-SR, Chennai-600 016.

FOR AND ON BEHALF OF CHAIRMAN, AAI

Encl:

Schedule 'A'

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Item Rate BoQ

Tender Inviting Authority: AGM (Engg-Civil), Operational Office Complex, RHQ-SR, Chennai 600 016.

Name of Work: Construction of Perimeter wall around FTO's and Frisking rooms at Salem Airport. SH: Civil works.

Contract No: 2023_AAI_159012_1

Name of the Bidder/ Bidding Firm / Company :	M/S SRI MARUTHI CONSTRUCTIONS					
PRICE SCHEDULE (This BOQ template must not be modified/replaced by the bidder and the same should be uploaded after filling the relevant columns, else the bidder is liable to be rejected for this tender. Bidders are allowed to enter the Bidder Name and Values only)						
NUMBER #	TEXT #	NUMBER #	TEXT #	NUMBER #	NUMBER #	TEXT #
Sl. No.	Item Description	Quantity	Units	BASIC RATE Excluding GST In Figures To be entered by the Bidder Rs. P	TOTAL AMOUNT WITHOUT GST in Rs. P	TOTAL AMOUNT WITHOUT GST In Words
1	2	4	5	7	8	10
1	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	122.00	Cum	150.00	18300.00	INR Eighteen Thousand Three Hundred Only
2	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) : 8 graded stone aggregate 40 mm nominal size)	18.00	Cum	5000.00	90000.00	INR Ninety Thousand Only
3	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)	48.00	Cum	6500.00	312000.00	INR Three Lakh Twelve Thousand Only
4	Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations etc. in layers not exceeding 20cm in depth, consolidating each deposited layer by ramming and watering, lead up to 50 m and lift upto 1.5 m.	69.00	Cum	100.00	6900.00	INR Six Thousand Nine Hundred Only

5	Reinforced cement concrete work in walls (any thickness), including attached pilasters, buttresses, plinth and string courses, fillets, columns, pillars, piers, abutments, posts and struts etc. above plinth level up to floor five level, excluding cost of centering, shuttering, finishing and reinforcement : 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)	5.00	Cum	7500.00	37500.00	INR Thirty Seven Thousand Five Hundred Only
6	Reinforced cement concrete work in beams, suspended floors, roofs having slope up to 15° landings, balconies, shelves, chajjas, lintels, bands, plain window sills, staircases and spiral stair cases above plinth level up to floor five level, excluding the cost of centering, shuttering, finishing and reinforcement with 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).	14.00	Cum	8000.00	112000.00	INR One Lakh Twelve Thousand Only
7	Steel reinforcement for R.C.C. work including straightening, cutting, bending, lacing in position and binding all complete upto plinth level. Thermo-Mechanically Treated bars of grade Fe-500D or more	7200.00	Kg	83.00	597600.00	INR Five Lakh Ninety Seven Thousand Six Hundred Only
8	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete above plinth level. Thermo-Mechanically Treated bars of grade Fe-500D or more	3000.00	Kg	84.00	252000.00	INR Two Lakh Fifty Two Thousand Only
9	Centering and shuttering including strutting, propping etc. and removal of form for : Foundations, footings, bases of columns, etc. for mass concrete	82.00	Sqm	350.00	28700.00	INR Twenty Eight Thousand Seven Hundred Only
10	Centering and shuttering including strutting, propping etc. and removal of form for : Suspended floors, roofs, landings, balconies and access platform	33.00	Sqm	450.00	14850.00	INR Fourteen Thousand Eight Hundred & Fifty Only
11	Centering and shuttering including strutting, propping etc. and removal of form for : Lintels, beams, plinth beams, girders, bressumers and cantilevers	158.00	Sqm	400.00	63200.00	INR Sixty Three Thousand Two Hundred Only
12	Centering and shuttering including strutting, propping etc. and removal of form for : Columns, Pillars, Piers, Abutments, Posts and Struts	185.00	Sqm	500.00	92500.00	INR Ninety Two Thousand Five Hundred Only
13	Brick work with bricks of class designation 50 in foundation and plinth in : Cement mortar 1:6 (1 cement : 6 coarse sand)	47.00	Cum	7200.00	338400.00	INR Three Lakh Thirty Eight Thousand Four Hundred Only

14	Brick work with bricks of class designation 50 in Super structure above plinth level up to floor five level in all shapes and sizes in: : Cement mortar 1:6 (1 cement : 6 coarse sand)	41.00	Cum	7500.00	307500.00	INR Three Lakh Seven Thousand Five Hundred Only
15	6 mm cement plaster of mix : 1:3 (1 cement : 3 fine sand)	40.00	Sqm	300.00	12000.00	INR Twelve Thousand Only
16	12 mm cement plaster of mix : 1:6 (1 cement: 6 fine sand)	357.00	Sqm	350.00	124950.00	INR One Lakh Twenty Four Thousand Nine Hundred & Fifty Only
17	15 mm cement plaster on the rough side of single or half brick wall of mix : 1:6 (1 cement: 6 coarse sand)	395.00	Sqm	450.00	177750.00	INR One Lakh Seventy Seven Thousand Seven Hundred & Fifty Only
18	Providing and laying vitrified floor tiles in different sizes (thickness to be specified by the manufacturer) with water absorption less than 0.08% and conforming to IS: 15622, of approved make, in all colours and shades, laid on 20mm thick cement mortar 1:4 (1 cement : 4 coarse sand), jointing with grey cement slurry @ 3.3 kg/ sqm including grouting the joints with white cement and matching pigments etc., complete. Size of Tile 600 x 600 mm	35.00	Sqm	1300.00	45500.00	INR Forty Five Thousand Five Hundred Only
19	Providing and laying Vitrified tiles in different sizes (thickness to be specified by the manufacturer), with water absorption less than 0.08% and conforming to IS: 15622, of approved brand & manufacturer, in all colours and shade, in skirting, riser of steps, laid with cement based high polymer modified quick set tile adhesive (water based) conforming to IS: 15477, in average 6 mm thickness, including grouting of joints (Payment for grouting of joints to be made separately). Size of Tile 600 x 600 mm	8.00	Sqm	1400.00	11200.00	INR Eleven Thousand Two Hundred Only
20	Structural steel work in single section, fixed with or without connecting plate, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete.	332.00	Kg	90.00	29880.00	INR Twenty Nine Thousand Eight Hundred & Eighty Only
21	Steel work welded in built up sections/ framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer using structural steel etc. as required. In gratings, frames, guard bar, ladder, railings, brackets, gates and similar works.	850.00	Kg	110.00	93500.00	INR Ninety Three Thousand Five Hundred Only

22	Providing and fixing concertina coil fencing with punched tape concertina coil 600 mm dia 10 metre openable length (total length 90 m), having 50 nos rounds per 6 metre length, upto 3 m height of wall with existing angle iron 'Y' shaped placed 2.4m or 3.00 m apart and with 9 horizontal R.B.T. reinforced barbed wire, stud tied with G.I. staples and G.I. clips to retain horizontal, including necessary bolts or G.I. barbed wire tied to angle iron, all complete as per direction of Engineer-in-charge, with reinforced barbed tape(R.B.T.) / Spring core (2.5mm thick) wire of high tensile strength of 165 kg/ sq.mm with tape (0.52 mm thick) and weight 43.478 gm/ metre (cost of M.S. angle, C.C. blocks shall be paid separately)	123.00	Mtr	300.00	36900.00	INR Thirty Six Thousand Nine Hundred Only
23	Providing and fixing on wall face unplasticised Rigid PVC rain water pipes conforming to IS : 13592 Type A, including jointing with seal ring conforming to IS : 5382, leaving 10 mm gap for thermal expansion, (i) Single socketed pipes. 110 mm diameter	60.00	Mtr	319.00	19140.00	INR Nineteen Thousand One Hundred & Forty Only
24	Providing and fixing on wall face unplasticised - PVC moulded fittings/ accessories for unplasticised Rigid PVC rain water pipes conforming to IS : 13592 Type A, including jointing with seal ring conforming to IS : 5382, leaving 10 mm gap for thermal expansion. Bend 87.5° (i) 110 mm bend	2.00	Each	132.00	264.00	INR Two Hundred & Sixty Four Only
25	Providing and fixing aluminium work for doors, windows, ventilators and partitions with extruded built up standard tubular sections/ appropriate Z sections and other sections of approved make conforming to IS: 733 and IS: 1285, fixing with dash fasteners of required dia and size, including necessary filling up the gaps at junctions, i.e. at top, bottom and sides with required EPDM rubber/ neoprene gasket etc. Aluminium sections shall be smooth, rust free, straight, mitred and jointed mechanically wherever required including cleat angle, Aluminium snap beading for glazing / paneling, C.P. brass / stainless steel screws, all complete as per architectural drawings and the directions of Engineer-in-charge. (Glazing, paneling and dash fasteners to be paid for separately) : For fixed portion Anodised aluminium (anodised transparent or dyed to required shade according to IS: 1868, Minimum anodic coating of grade AC 15)	20.00	Kg	500.00	10000.00	INR Ten Thousand Only

26	Providing and fixing aluminium work for doors, windows, ventilators and partitions with extruded built up standard tubular sections/ appropriate Z sections and other sections of approved make conforming to IS: 733 and IS: 1285, fixing with dash fasteners of required dia and size, including necessary filling up the gaps at junctions, i.e. at top, bottom and sides with required EPDM rubber/ neoprene gasket etc. Aluminium sections shall be smooth, rust free, straight, mitred and jointed mechanically wherever required including cleat angle, Aluminium snap beading for glazing / paneling, C.P. brass / stainless steel screws, all complete as per architectural drawings and the directions of Engineer-in-charge. (Glazing, paneling and dash fasteners to be paid for separately) : For shutters of doors, windows & ventilators including providing and fixing hinges/ pivots and making provision for fixing of fittings wherever required including the cost of EPDM rubber / neoprene gasket required (Fittings shall be paid for separately). Anodised aluminium (anodised transparent or dyed to required shade according to IS: 1868, Minimum anodic coating of grade AC 15)	15.00	Kg	500.00	7500.00	INR Seven Thousand Five Hundred Only
27	Providing and fixing 12 mm thick prelaminated particle board flat pressed three layer or graded wood particle board conforming to IS: 12823 Grade I Type II, in panelling fixed in aluminum doors, windows shutters and partition frames with C.P. brass / stainless steel screws etc. complete as per architectural drawings and directions of engineer-in- charge. Pre-laminated particle board with decorative lamination on both sides	6.00	Sqm	900.00	5400.00	INR Five Thousand Four Hundred Only
28	Providing and fixing glazing in aluminium door, window, ventilator shutters and partitions etc. with EPDM rubber / neoprene gasket etc. complete as per the architectural drawings and the directions of engineer-in-charge. (Cost of aluminium snap beading shall be paid in basic item): With float glass panes of 5 mm thickness (weight not less than 12.50 kg/sqm)	6.00	Sqm	1300.00	7800.00	INR Seven Thousand Eight Hundred Only
29	Providing and fixing Brass 100mm mortice latch and lock with 6 levers without pair of handles (best make of approved quality) for aluminium doors including necessary cutting and making good etc. complete.	2.00	Each	500.00	1000.00	INR One Thousand Only
30	Providing and fixing aluminium tower bolts, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade, with necessary screws etc. complete : 200x10 mm	2.00	Each	100.00	200.00	INR Two Hundred Only
31	Providing and fixing aluminium die cast body tubular type universal hydraulic door closer (having brand logo with ISI, IS : 3564, embossed on the body, door weight upto 35 kg and door width upto 700 mm), with necessary accessories and screws etc. complete.	2.00	Each	1000.00	2000.00	INR Two Thousand Only

32	Providing and fixing aluminium handles, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade, with necessary screws etc. complete : 125 mm	6.00	Each	50.00	300.00	INR Three Hundred Only
33	Providing and fixing aluminium hanging floor door stopper, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour and shade, with necessary screws etc. complete. Twin rubber stopper	3.00	Each	60.00	180.00	INR One Hundred & Eighty Only
34	Providing and fixing false ceiling at all height including providing and fixing of frame work made of special sections, power pressed from M.S. sheets and galvanized with zinc coating of 120 gms/sqm (both side inclusive) as per IS : 277 and consisting of angle cleats of size 25 mm wide x 1.6 mm thick with flanges of 27 mm and 37mm, at 1200 mm centre to centre, one flange fixed to the ceiling with dash fastener 12.5 mm dia x 50mm long with 6mm dia bolts, other flange of cleat fixed to the angle hangers of 25x10x0.50 mm of required length with nuts & bolts of required size and other end of angle hanger fixed with intermediate G.I. channels 45x15x0.9 mm running at the spacing of 1200 mm centre to centre, to which the ceiling section 0.5 mm thick bottom wedge of 80 mm with tapered flanges of 26 mm each having lips of 10.5 mm, at 450 mm centre to centre, shall be fixed in a direction perpendicular to G.I. intermediate channel with connecting clips made out of 2.64 mm dia x 230 mm long G.I. wire at every junction, including fixing perimeter channels 0.5 mm thick 27 mm high having flanges of 20 mm and 30 mm long, the perimeter of ceiling fixed to wall/partition with the help of rawl plugs at 450 mm centre, with 25mm long dry wall screws @ 230 mm interval, including fixing of gypsum board to ceiling section and perimeter channel with the help of dry wall screws of size 3.5 x 25 mm at 230 mm c/c, including jointing and finishing to a flush finish of tapered and square edges of the board with recommended jointing compound , jointing tapes , finishing with jointing compound in 3 layers covering upto 150 mm on both sides of joint and two coats of primer suitable for board, all as per manufacturer's specification and also including the cost of making openings for light fittings, grills, diffusers, cutouts made with frame of perimeter channels suitably fixed, all complete as per drawings, specification and direction of the Engineer in Charge but excluding the cost of painting with : 12.5 mm thick tapered edge gypsum plain board conforming to IS: 2095- (Part I) :2011 (Board with BIS certification marks)	28.00	Sqm	1000.00	28000.00	INR Twenty Eight Thousand Only
35	Finishing walls with Acrylic Smooth exterior paint of required shade : New work (Two or more coat applied @ 1.67 ltr/10 sqm over and including priming coat of exterior primer applied @ 2.20 kg/10 sqm)	777.00	Sqm	110.00	85470.00	INR Eighty Five Thousand Four Hundred & Seventy Only
36	Providing and applying white cement based putty of average thickness 1 mm, of approved brand and manufacturer, over the plastered wall surface to prepare the surface even and smooth complete.	84.00	Sqm	110.00	9240.00	INR Nine Thousand Two Hundred & Forty Only
37	Applying one coat of water thinnable cement primer of approved brand and manufacture on wall surface : Water thinnable cement primer	56.00	Sqm	50.00	2800.00	INR Two Thousand Eight Hundred Only
38	Wall painting with acrylic emulsion paint of approved brand and manufacture to give an even shade : Two or more coats on new work	84.00	Sqm	110.00	9240.00	INR Nine Thousand Two Hundred & Forty Only

39	Painting with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade : Two or more coats on new work	37.00	Sqm	110.00	4070.00	INR Four Thousand & Seventy Only
40	Providing and erecting 2.00 metre high temporary barricading at site; each panel of size 2.50mx2.00m made of 40x40x6mm angle iron or 50x50x3mm hollow MS tube posts/horizontal members/bracings covered with 1.63mm thick MS sheet. The sheet shall be fixed with 30x5mm MS flat by suitable welding/riveting. The panels shall be made so that gap of 50cm above the ground is available making overall height as 2.5m. MS channel ISLC 75 @ 5.70 kg/m, 50cm long shall be provided at the bottom having oval shaped holes of size 50x25mm at both ends with 50cm long MS angle 40x40x6mm bracing. Suitable arrangement shall be made to fix the barricading to avoid from overturning by providing 250mm long expansion fasteners at both ends. The work shall be executed as per drawing/direction of Engineer-in-Charge which includes writing and painting, arrangement for traffic diversion such as traffic signals during construction at site for day and night, glow lamps, reflective signs, marking, flags, caution tape as directed by the Engineer-in-Charge. The barricading provided shall be retained in position at site continuously i/c shifting of barricading from one location to another location as many times as required during the execution of the entire work till its completion. Rate include its maintenance for damages, painting, all incidentals, labour materials, equipments and works required to execute the job. The barricading shall not be removed without prior approval of Engineer-in-Charge. (Note :- One time payment shall be made for providing barricading from start of work till completion of work i/c shifting. The barricading provided shall remain to be the property of the contractor on completion of the work).	130.00	Mtr	2000.00	260000.00	INR Two Lakh Sixty Thousand Only
41	Providing and laying integral cement based water proofing treatment including preparation of surface as required for treatment of roofs, balconies, terraces etc consisting of following operations: (a) Applying a slurry coat of neat cement using 2.75 kg/sqm of cement admixed with water proofing compound conforming to IS. 2645 and approved by Engineer-in-charge over the RCC slab including adjoining walls upto 300 mm height including cleaning the surface before treatment. (b) Laying brick bats with mortar using broken bricks/brick bats 25 mm to 115 mm size with 50% of cement mortar 1:5 (1 cement : 5 coarse sand) admixed with water proofing compound conforming to IS : 2645 and approved by Engineerin- charge over 20 mm thick layer of cement mortar of mix 1:5 (1 cement :5 coarse sand) admixed with water proofing compound conforming to IS : 2645 and approved by Engineerin- charge to required slope and treating similarly the adjoining walls upto 300 mm height including rounding of junctions of walls and slabs. (c)After two days of proper curing applying a second coat of cement slurry using 2.75 kg/sqm of cement admixed with water proofing compound conforming to IS : 2645 and approved by Engineer-in-charge (d) Finishing the surface with 20 mm thick jointless cement mortar of mix 1:4 (1 cement :4 coarse sand) admixed with water proofing compound conforming to IS : 2645 and approved by Engineer-in-charge including laying glass fibre cloth of approved quality in top layer of plaster and finally finishing the surface with trowel with neat cement slurry and making pattern of 300x300 mm square 3 mm deep. (e) The whole terrace so finished shall be flooded with water for a minimum period of two weeks for curing and for final test."All above operations to be done in order and as directed and specified by the Engineer-in-Charge :With average thickness of 120 mm and minimum thickness at khurra as 65 mm	28.00	Sqm	1500.00	42000.00	INR Forty Two Thousand Only

42	Random rubble masonry with hard stone in foundation and plinth including levelling up with cement concrete 1:6:12 (1 cement : 6 coarse sand : 12 graded stone aggregate 20 mm nominal size) upto plinth level with : Cement mortar 1:6 (1 cement : 6 coarse sand)	10.00	Cum	5500.00	55000.00	INR Fifty Five Thousand Only
43	Dry stone pitching 22.5cm thick including supply of stones and preparing surface complete.	1080.00	Sqm	750.00	810000.00	INR Eight Lakh Ten Thousand Only
44	Pointing on stone work with cement mortar 1:3 (1 cement : 3 fine sand) : Flush/ Ruled pointing	1080.00	Sqm	250.00	270000.00	INR Two Lakh Seventy Thousand Only
Total in Figures					4432734.00	INR Forty Four Lakh Thirty Two Thousand Seven Hundred & Thirty Four Only
Quoted Rate in Words						