



Trichy Airport, Trichy - 620 007 (TN), Tele Fax : 0431 - 2341266, EPABX: 0431 - 2340551, Ext: 346, 322, 307
Web : www.aai.aero/aai/main.jsp



भारतीय विमानपत्तन प्राधिकरण
AIRPORTS AUTHORITY OF INDIA



5. You are requested to comply with all provisions of the Employees Provident Fund and miscellaneous provisions Act 1952 and Employees State Insurance Act 1948, amended from time to time and rule framed there under wherever applicable.
6. You are also directed to contact Asst. General Manager (Engg-Civil)-I immediately for the commencement of work.
7. The letters under reference shall form part of Agreement.
8. Please note that the time allowed for carrying out the work shall be **12 (Twelve) months only** and **same shall be reckoned from 2nd day** after the date of issue of this letter.
9. Any further correspondence in connection with contract should normally be addressed to the Engineer-In-Charge.
10. All Corrigendum, Queries, Clarification etc., raised during e-tendering process and replies thereof including the letter referred above shall also form part of the Agreement.
11. 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.

Thanking you,

Yours faithfully,
/ Sd /-

(K. Gunasekaran),
Jt. GM (Engg-Civil),
For and On Behalf of Chairman,
Airports Authority of India.

- Encl: 1. Percentage BOQ / Price Schedule.
2. List of Additional Miscellaneous Items.

N.O.O:

Copy to: For Information please.

1. Airport Director, AAI, Trichy - 07.
2. GM (Engg-Civil), AAI, SR, Chennai - 27.
3. Jt. GM (Vigilance), AAI, SR, Administrative Building, Chennai - 27.
4. DGM (Engg-Elect), AAI, Trichy - 07.
5. DGM (Fin), AAI, Trichy - 07.
6. AGM (Engg-Civil)-I, AAI, Trichy - 07.
7. Manager (Engg-Civil)-II, AAI, Trichy - 07.
8. Labour Enforcement Officer, Office of Labour Enforcement, 510/A, McDonalds Road, Trichy - 620 001.

21/4/2021
(K. Gunasekaran),
Jt. GM (Engg-Civil),
For and On Behalf of Chairman,
Airports Authority of India.

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Help

Percentage BoQ

Tender Inviting Authority: Assistant General Manager (Engg-Civil), AAI, Trichy International Airport, Trichy - 620 007.

Name of Work: A/R&M/O Civil works at Trichy Airport during the year 2021-2022. S.H: Civil Repair and Maintenance works in Non-Operational area including Colony, CISF barrack, Car parking area and Power house.

Contract No: Tender Ref No: AAI/TRY/ENGG(C)/AR and MO(RESI)/21-22, Tender ID: 2021_AAI_73860_1

Name of the Bidder/ Bidding Firm / Company :		M. SOUNDARARAJAN CONTRACTOR TRICHY				
PRICE SCHEDULE <u>(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)</u>						
NUMBER #	TEXT #	NUMBER #	TEXT #	NUMBER	NUMBER #	TEXT #
Sl. No.	Item Description	Quantity	Units	Estimated Rate	TOTAL AMOUNT Without GST	TOTAL AMOUNT without GST In Words
1	2	3	4	5	6	7
1	AMC NON-OPERATIONAL AREA 2021-22					
1.01	Rates applicable for Delhi Schedule of Rates 2018 items (Sub Head-I) + Rates applicable for Additional Miscellaneous Items from 01 to 62 (Sub Head-II) of the Tender Document.	1.000	Year	100.00	100.00	INR One Hundred Only
Total in Figures					100.00	INR One Hundred Only
Quoted Rate in Figures			Less (-)	38.00%	62.00	INR Sixty Two Only
Quoted Rate in Words	INR Sixty Two Only					

ADDITIONAL MISCELLANEOUS ITEMS FOR NON OPERATIONAL AREA DURING 2021-22

Name of work: A/R&M/O Civil works at Trichy Airport during the year 2021-2022.

S.H: Civil Repair and Maintenance works in Non-Operational area including Colony, CISF barrack, Car parking area and Power house.

SL. NO.	DESCRIPTION OF ITEM	UNIT	RATE RS.
1	Deduction for using bricks of class designation 50 against class designation 75 bricks in brick work.	cum	594.26
2	Deduction for using bricks of class designation 50 against class designation 75 bricks in half brick masonry.	sqm	67.97
3	Providing and fixing aluminium sheet of required thickness on doors with steel screws etc., complete. a) 20 Gauge.	sqm	865.01
4	Tightening of barbed wire or G.I. wire fencing including fixing of broken hooks complete as per the direction of Engineer- in- Charge.	metre	6.21
5A	Cleaning of choked / blocked rain water pipe, soil waste pipe, vent pipe, manhole, sewerage pipe, gully trap, EWC, IWC, wash basin, kitchen sink, bottle traps, house drain, storm water drain etc., of any diameter and sizes including removal of malba as directed by Engineer-in-charge. a) Rain water pipe / soil waste and vent pipes.	metre	18.10
5B	Cleaning of choked / blocked rain water pipe, soil waste pipe, vent pipe, manhole, sewerage pipe, gully trap, EWC, IWC, wash basin, kitchen sink, bottle traps, house drain, storm water drain etc., of any diameter and sizes including removal of malba as directed by Engineer-in-charge. b) Manhole including connected sewerage pipes upto the next manhole either manually or using sewer rod	Each	784.38
5C	Cleaning of choked / blocked rain water pipe, soil waste pipe, vent pipe, manhole, sewerage pipe, gully trap, EWC, IWC, urinal, wash basin, kitchen sink, bottle traps, house drain, storm water drain etc., of any diameter and sizes including removal of malba as directed by Engineer-in-charge. c) EWC / IWC including connected traps and soil waste pipe upto the nearest opening point in the soil waste pipe.	Each	162.00
5D	Cleaning of choked / blocked rain water pipe, soil waste pipe, vent pipe, manhole, sewerage pipe, gully trap, EWC, IWC, wash basin, kitchen sink, bottle traps, house drain, storm water drain etc., of any diameter and sizes including removal of malba as directed by Engineer-in-charge. d) Wash basin / kitchen sink including connected traps.	Each	40.50

SL. NO.	DESCRIPTION OF ITEM	UNIT	RATE RS.
5E	Cleaning of choked / blocked rain water pipe, soil waste pipe, vent pipe, manhole, sewerage pipe, gully trap, EWC, IWC, wash basin, kitchen sink, bottle traps, house drain, storm water drain etc., of any diameter and sizes including removal of malba as directed by Engineer-in-charge. e) House drain (Open)	metre	9.27
5F	Cleaning of choked / blocked rain water pipe, soil waste pipe, vent pipe, manhole, sewerage pipe, gully trap, EWC, IWC, wash basin, kitchen sink, bottle traps, house drain, storm water drain etc., of any diameter and sizes including removal of malba as directed by Engineer-in-charge. f) House drain (Covered)	metre	41.13
5G	Cleaning of choked / blocked rain water pipe, soil waste pipe, vent pipe, manhole, sewerage pipe, gully trap, EWC, IWC, wash basin, kitchen sink, bottle traps, house drain, storm water drain etc., of any diameter and sizes including removal of malba as directed by Engineer-in-charge. g) Storm water drain (road side)	metre	34.37
6	Attending various day to day complaints and rectifying the defects / cause of complaints by deploying labour (unskilled, semi - skilled as and when required) with necessary T & P but without changing / replacing the fittings / fixtures. However, the minor stores like screws for tightening hinges, tower bolts, door handles etc., to prevent the leakage in bib cocks, stop cocks, pillar cocks etc., is included in the rate. (Percentage above / below quoted by contractor will not be applicable on this Item) a) Upto 50 complaints in a month.	Per Month	20473.63
7	Attending various day to day complaints and rectifying the defects / cause of complaints by deploying labour (unskilled, semi - skilled as and when required) with necessary T & P but without changing / replacing the fittings / fixtures. However, the minor stores like screws for tightening hinges, tower bolts, door handles etc., to prevent the leakage in bib cocks, stop cocks, pillar cocks etc., is included in the rate. (Percentage above / below quoted by contractor will not be applicable on this Item) b) Extra for each additional complaint beyond 50 complaints in a month	Each	81.89
8	Provision of Services for day to day maintenance of Garden at Airport premises including necessary Tools & Machineries etc., complete in all respects as per the direction of Engineer-In-Charge. . (Percentage above / below quoted by contractor will not be applicable on this Item)	Day	Rate of item will be analysed with the prevailing approved minimum wages at the time of execution.

SL. NO.	DESCRIPTION OF ITEM	UNIT	RATE RS.
9	Provision of Services for day to day upkeeeeping / sweeping of AAI Residential colony premisses (Road, Common vacant areas) with necessary equipment complete in all respects as per the direction of Engineer-In-Charge. . (Percentage above / below quoted by contractor will not be applicable on this Item)	Day	Rate of item will be analysed with the prevailing approved minimum wages at the time of execution.
10	Provision of Data processing services to Engineering directorate for assisting Maintenance Engineers / Managers in preparation of payment bills, maintenance of office records & files etc. preparations of progress report, all types of computer / clerical works etc and other related works / duties as directed by E.I.C (This item rate will be fixed, above or below percentage quoted by the agency will not be applicable on this item)	Day	Rate of item will be analysed with the prevailing approved minimum wages at the time of execution.
11	Provision of Supervisory services to Engineering directorate (Minimum Dipoloma in Civil Engineering) for assisting Engineers / Managers in supervision of construction works, Maintenance works, preparation of drawings etc., and other related works / duties as well as to maintain office records etc., as directed by E.I.C (This item rate will be fixed, above or below percentage quoted by the agency will not be applicable on this item)	Day	Rate of item will be analysed with the prevailing approved minimum wages at the time of execution.
12	Provision of Office Support services to Engineering directorate like maintaining the office etc., by engaging approprite personal and delivering the services as per the direction of E.I.C.(This item rate will be fixed, above or below percentage quoted by the agency will not be applicable on this item)	Day	Rate of item will be analysed with the prevailing approved minimum wages at the time of execution.

SL. NO.	DESCRIPTION OF ITEM	UNIT	RATE RS.
13A	Provision of services of unskilled workers for temporary nature of works / works unsusceptible to measure as and when required including necessary T & P as directed by EIC. (This item rate will be fixed, above or below percentage quoted by the agency will not be applicable on this item)	Day	Rate of item will be analysed with the prevailing approved minimum wages at the time of execution.
13B	Provision of services of Semi - skilled workers for temporary nature of works / works unsusceptible to measure as and when required including necessary T & P as directed by EIC. (This item rate will be fixed, above or below percentage quoted by the agency will not be applicable on this item)	Day	Rate of item will be analysed with the prevailing approved minimum wages at the time of execution.
14	Provision of services of pump operator for Water pumps operation and / overseeing of water supply system in AAI premises including necessary Tools as directed by Engineer-In-Charge. (Percentage above / below quoted by contractor will not be applicable on this Item)	Day	Rate of item will be analysed with the prevailing approved minimum wages at the time of execution.
15	Providing and operating the Tractor Dozer for levelling, grading, dozing etc., at the Airport premises including transportation to and from the site of operation, fuel charges, driver charge and any other incidental expenses on this account etc. as directed by the Engineer-in-charge. (The payment will be based on the number of hours worked at the site)	Hour	1202.96
16	Providing and operating the earth moving machines like J.C.B. for leveling, cutting and other related works etc., at the Airport premises including transportation to and from the site of operation fuel charges, driver charges and any other incidental expenses on this account all etc. as directed by the Engineer-in-charge. (The payment will be based on the number of hours worked at the site.)	Hour	1473.63

SL. NO.	DESCRIPTION OF ITEM	UNIT	RATE RS.
17	Providing and operating the Tipper of capacity 10 cum minimum for transporting the Earth/Debris etc., at the Airport premises excluding loading including transportation to and from the site including operation fuel charges and any other incidental expenses on this account all etc. as directed by the Engineer-in-charge. (The payment will be based on the number of days worked at the site). (1day= 8 hours)	Day	8420.76
18	Providing and operating the carriage vehicle of capacity upto 3.00 cum for transporting the Earth/Debris etc., at the Airport premises excluding loading including transportation to and from the site of operation fuel charges and any other incidental expenses on this account all etc. as directed by the Engineer-in-charge. (The payment will be based on the number of hours worked at the site).	Hour	413.52
19	Dismantling of Brick / Concrete work with demolishing machine like BOSCH 11 Kg demolition hammer or equivalent without damages to the existing building and to avoid any development of crack etc., as per direction of Engineer-in-Charge. (Payment shall be made based on the numbers of Hours worked at the site).	Hour	455.45
20	Hiring of Welding machine 450Amp for welding on Mild Steel sections and Stainsteel sections etc complete all as per direction of Engineer in charge.(Payment shall be made based on the numbers of Hours worked at the site).	Hour	451.11
21	Providing and fixing Aluminum sliding window wheel all complete as per the direction of Engineer-In-Charge.	Each	11.85
22	Providing and fixing 9 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.Prelaminated particle board with decorative lamination on both sides	sqm	595.99
23	Providing and fixing 18mm thick plywood with necessary screws etc., complete as per the direction of Engineer-In-Charge.	sqm	2325.29
24	Providing and fixing horizontal venetian blinds 25mm wide as per required design and complete in all respect as per the direction of Engineer-in-charge.	Sqm	1363.20
25	Supplying and fixing vertical venetian blinds 100 mm wide including all fittings etc., required complete in all respects as per the direction of Engineer-in-charge.	Sqm	1233.76

SL. NO.	DESCRIPTION OF ITEM	UNIT	RATE RS.
26	Providing & Fixing PVC flooring sheet of plain / wood grain in gloss / matt / suede finish with high density protective surface layer and reverse side of adhesive bonding quality conforming to IS : 2046 Type S, including cost of adhesive of approved quality as per the direction of Engineer-In-Charge. a) 1 mm thick	sqm	734.61
27	Supplying and fixing of wall cladding using 12mm thick bison panel over the fabricated frame on outer side by means of self drilling screws all complete as per the direction of Engineer-in-charge.	sqm	498.94
28	Fixing available stainless steel (Grade 304) railing made of Hollow tubes, channels, plates etc., including welding, grinding, buffing, polishing and making curvature (wherever required) and fitting the same with necessary stainless steel nuts and bolts complete, i/c fixing the railing with necessary accessories & stainless steel dash fasteners, stainless steel bolts etc., of required size, on the top of the floor or the side of waist slab with suitable arrangement as per approval of Engineer-in-charge, (Materials shall be supplied by AAI).	kg	187.20
29	Fixing available Structural steel work riveted, bolted or welded in built up sections, trusses and framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete. (Material shall be supplied by AAI).	Kg	33.20
30	Providing and fixing Shower Arm of Metro make or equivalent including thread, solvent etc., complete in all respect as per the direction of Engineer-in-charge.	Each	691.70
31	Providing and fixing CP Brass Waste Coupling of 32mm size full thread with 130mm height for wash basin and sink. - Waste coupling 32 mm dia and 130 mm length Metro make or equivalent.	Each	384.98
32	Providing and fixing fencing with G.I. barbed wire 9.38 kg / 100m (min.) fixed with G.I staples or with G.I. binding wire complete (Length of individual G.I.wire will be measured).	meter	18.31
33	Providing and fixing towel rail of Parryware make or equivalent complete with CP brass screws with concealed fittings arrangement of approved quality and colour. a) 600 mm long towel rail.	Each	1180.88
34	Providing and fixing CP bottle trap for wash basin 32mm dia complete in all respects as per direction of Engineer-in-charge. Parryware make or equivalent.	Each	2024.95

SL. NO.	DESCRIPTION OF ITEM	UNIT	RATE RS.
35	Providing and fixing Polyvinyl Chloride (PVC) 6 kg/sqm pipes, including all PVC plain & brass threaded fittings This includes jointing of pipes & fittings with one step PVC solvent cement, trenching, refilling & testing of joints complete as per direction of Engineer in Charge. External work. a) 40 mm nominal bore	metre	357.34
36	Providing and fixing Polyvinyl Chloride (PVC) 6 kg/sqm pipes, including all PVC plain & brass threaded fittings This includes jointing of pipes & fittings with one step PVC solvent cement, trenching, refilling & testing of joints complete as per direction of Engineer in Charge. External work b) 50 mm nominal bore	metre	427.71
37	Providing and fixing Polyvinyl Chloride (PVC) 6 kg/sqm pipes, including all PVC plain & brass threaded fittings This includes jointing of pipes & fittings with one step PVC solvent cement, trenching, refilling & testing of joints complete as per direction of Engineer in Charge. External work. c) 63mm nominal bore	metre	499.90
38	Providing and fixing Polyvinyl Chloride (PVC) 6 kg/sqm pipes, including all PVC plain & brass threaded fittings This includes jointing of pipes & fittings with one step PVC solvent cement, trenching, refilling & testing of joints complete as per direction of Engineer in Charge. External work. d) 110 mm nominal bore	metre	546.82
39	Providing and fixing 3 inches Diameter brass ball valve of make ZOOTO or equivalent with flange set, bolt & nut, washers etc., complete as per the direction of Engineer-in-charge.	Each	9072.58
40	Providing and fixing Stainless steel mosquito net of approved make with aluminium beeding of size 25 x 12 mm including gasket and necessary fittings all complete as per Engineering incharge	Sqm	1178.33
41	Supplying and filling of potable drinking Water in tanker lorry of capacity 12000litres to Sump(underground Water Tanks) at Airport premisses as per direction of Engineer- in-charge.	Each	2143.89
42	Dismantling of Brick / Concrete work/Random Rubble Masonry with Tractor mount air Compressor Breaker Machine without any damages to existing building and to avoid any development of crack etc including stacking of serviceable material as per direction of Engineer-in-Charge. (Payment shall be made based on the numbers of Hours worked at the site).(Rate is inclusive of one operator and one Labour)	Hours	1691.79

SL. NO.	DESCRIPTION OF ITEM	UNIT	RATE RS.
43	Dismantling IWC / EWC of all types (Vitreous China or any other make) including stacking of useful materials near the site and disposal of unserviceable materials outside the periphery beyond 50 m from the site as directed by the Engineer-in-charge.	Each	417.06
44	Supplying and filling M-sand as per the direction of Engineer-in-charge.	Cum	2636.14
45	Providing and laying Cuddapah stone slab flooring over 20 mm thick base laid over and jointed with grey cement slurry mixed with pigment to match the shade of the slab including rubbing and polishing complete with base of cement mortar 1 : 4 (1 cement: 4 Coarse sand / M sand): a) 20 mm thick.	Sqm	1682.97
46	Providing and fixing bright finished brass 100mm mortice latch and lock of make EKRI or equivalent with 6 levers and a pair of lever handles of approved quality with necessary screws etc. complete. 100mm Lock	Each	615.53
47	Polishing on marble work/Granite work/stone work where ever required to give high gloss finish by Grinding the floor by using 60,100, 200(diamond pads) to remove the stain, Softening the floor by using 400 (diamond pads), Polishing the floor by using 800,1200,1500,3000 then Buffing the floor by using Nobale powder and Final buffing by using Ternova liquid wax all complete as directed by the Engineer-in-Charge.	sqm	582.48
48	Providing and fixing precoated galvanised iron profile sheets (size, shape and Color of corrugation as approved by Engineer-in-charge) 0.470 mm thick and 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 Engineerin-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	618.86
49	Providing and fixing PVC nahani trap of size 100 x 75 mm including necessary jointing etc. complete in all respects as per the direction of Engineer-In-Charge.	Each	216.54
50	Supplying and fixing 15mm nominal bore PVC bib cock of approved quality.	Each	281.35
51	Providing and fixing C.I. 100mm dia P-Trap of approved make complete as per direction of Engineer-in-Charge.	Each	249.92

SL. NO.	DESCRIPTION OF ITEM	UNIT	RATE RS.
52	Providing and fixing PVC Flush tank handle of approved make complete in all respects as per direction of Engineer-in-charge.	Each	207.15
53	Providing and fixing PVC Flush tank float valve of approved make complete in all respects as per direction of Engineer-in-charge.	Each	297.37
54	Providing and fixing C.P Swan neck pillar cock of make Parryware or equivalent) complete in all respects as per the direction of Engineer-in-charge. a) 15mm nominal bore.	Each	2298.98
55	Providing and fixing Urinal spreader of required size make Parryware or equivalent all complete in all respects as per the direction of Engineer-in-charge.	Each	552.01
56	Providing and fixing sun control Polyester film (Gareware/3M or equivalent) on glass after thorough cleaning of existing surface. The rate includes removal of existing sun control film wherever required. a) Non - Reflective type.	sqm	464.36
57	Providing and fixing Vinyl Sticker including lettering, cutting and pasting complete in all respects as per the direction of Engineer-in-charge.	Sqm	1682.70
58	Providing and fixing 3M Yellow film on floor after thorough cleaning of existing surface. The rate inclusive of removal of existing film wherever required etc., complete in all respects as per the direction of Engineer-In-Charge.	sqm	4530.36
59	Providing and fixing Frosted Film on glass as per the direction of Engineer-In-Charge.	sqm	1423.83
60	Cleaning septic tank / manhole chamber / sewer line by engaging sewage disposal vehicle of capacity 5 cum to 6 cum including disposal of the malba and sludge to the government approved dumping yard etc. complete as per the direction of EIC	Per Trip	2943.99
61	Providing and fixing PVC Health faucet including flexible pipe 1 meter length prayag make or equivalent all complete as per the direction of Engineer-In-Charge.	Each	584.76
62	Providing and fixing PVC Health faucet without flexible pipe prayag make or equivalent all complete as per the direction of Engineer-In-Charge.	Each	374.25

(Engineer-In-Charge),
AAI, Trichy Airport.

Signature Not Verified

Digitally signed by G. GOPALAKRISHNAN
Date: 2021.06.29 11:03:22 IST
Location: eProcurement System for Central PSUs