



No: AAI/TUT/ENGG(C)/Renovation Works/2023 -24/884

दिनांक /Date: 29.12.2023

To,

M/s. N Muthuraman
No. 50/5, Sriramnivas,
6th Street, Shanmuganathapuram
Aruppukottai - 626101

Name of Work: - "Renovation of existing toilets in terminal building at Tuticorin Airport.
SH: Renovation of existing toilets in Terminal building, Admin building & vehicle parking shed for AAI staff."

Ref :- Your E-Tender opened on 21.11.2023 (Financial Bid)

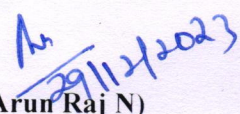
Bid No :- 2023_AAI_ 171054 _1

Dear Sir,

- 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 for an amount of **Rs.29,91,395.00 (Rupees Twenty Nine Lakhs Ninety One Thousand Three Hundred and Ninety Five only) excluding GST** which is **19.09 % Below** the estimated cost of **Rs. 36.971 Lakhs (excluding GST)** And **28.29 % Below** the Justified cost of **Rs. 41,71,443.64 (Rupees Fourty One Lakhs Seventy One Thousand Four Hundred and Fourty Three and Sixty Four Paise only) excluding GST**.
- 2 **Senior Manager (Engg-Civil), AAI, Tuticorin Airport, Tuticorin** shall be the Engineer-in-charge of the work. You are requested to attend the office of Senior Manager (Engg-Civil), AAI, Tuticorin Airport, 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 Rs.100 /- (Rupees One Hundred only) and the cost of the stamp paper shall be borne by you.
- 3 The Earnest Money Amount of **Rs. 73,942.00 /- (Rupees Seventy Three Thousand Nine Hundred and Fourty Two only)** received online through CPP Portal along with your tender will be refunded to your source of account. Please deposit Rs. 2,99,139.50/- (Rupees Two Lakhs Ninety Nine Thousand One Hundred and Thirty Nine and Fifty Paise only) towards security deposit within 10 days from issue of this letter, failing which the same will be deducted from each running bill as per Clause No-1A, of Page No. 16 GCC of contract document.
- 4 You are hereby requested to get yourself registered with provident fund organization, Employees state insurance organization & obtain the necessary PF, ESI & GST code numbers from these departments. Copy of the documents should be submitted to this office. Further, you are also requested to deposit the requisite PF, ESI and GST amounts and submit copy of periodical returns to AAI.

- 5 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 Conditions of Service Act 1996, Building and other construction workers Welfare Cess Act 1996 and rules thereof Central and State Governments.
- 6 You are also directed to contact Senior Manager (Engg-Civil), AAI, Tuticorin Airport immediately, who will arrange to hand over the site to you.
- 7 Please note that the time allowed for carrying out the work is **04 (Four) Months** & shall be reckoned from **10th day** of issue of this letter.
- 8 All taxes as applicable will be deducted from your bill.
- 9 The temporary aerodrome entry permit (TAEP) initially for a period of 30 days will be issued by Airport Director, Tuticorin Airport, with whom the entity entered into written agreement following the due procedures to commence the work inside the airport. Immediately thereafter, formalities to comply with the instruction of BCAS i.e. obtaining provisional security clearance / security clearance through E-sahaj Portal and submission of security program are to be strictly adhere to.
- 10 Any further correspondence in connection with the contract should normally be addressed to the Senior Manager (Engg-Civil), AAI, Tuticorin Airport, Tuticorin.
- 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.

Yours Sincerely,


(Arun Raj N)
Senior Manager (Engg -Civil)
AAI, Tuticorin Airport
For and on behalf of Chairman,
Airports Authority of India.

Encl : Schedule-"A" (04 Pages)

SCHEDULE - A

Name of Work : Renovation of existing toilets in terminal building at Tuticorin Airport.

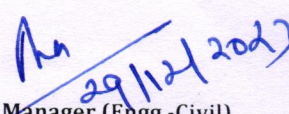
SH: Renovation of existing toilets in Terminal building, Admin building & vehicle parking shed for AAI staff.

S.No	Description of Item	Qty	Unit	Rate	Amount
1	Banking excavated earth in layers not exceeding 20 cm in depth, breaking clods, watering, rolling each layer with ½ tonne roller, or wooden or steel rammers, and rolling every 3rd and top-most layer with power roller of minimum 8 tonnes and dressing up, in embankments for roads, flood banks, marginal banks, and guide banks etc., lead upto 50 m and lift upto 1.5 m :All kinds of soil	110.00	Cum	175.00	19250 00
2	Earth work in excavation by mechanical means (Hydraulic excavator) / manual means in foundation trenches or drains (not exceeding 1.5 m in width or 10 sqm on plan), including dressing of sides and ramming of bottoms, lift upto 1.5 m, including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50 m. All kinds of soil	310.00	Cum	185.00	57350 00
3	Excavation work by mechanical means (Hydraulic excavator)/ manual means in foundation trenches or drains (not exceeding 1.5m in width or 10 sqm on plan), including dressing of sides and ramming of bottoms, lift upto 1.5 m, including getting out the excavated soil and disposal of surplus excavated soils as directed, within a lead of 50 m. Ordinary rock	70.00	Cum	330.00	23100 00
4	Excavating trenches of required width for pipes, cables, etc including excavation for sockets, and dressing of sides, ramming of bottoms, depth upto 1.5 m, including getting out the excavated soil, and then returning the soil as required, in layers not exceeding 20 cm in depth, including consolidating each deposited layer by ramming, watering, etc. and disposing of surplus excavated soil as directed, within a lead of 50 m : All kinds of soil Pipes, cables etc. exceeding 80 mm dia. but not exceeding 300 mm dia	200.00	Meter	185.00	37000 00
5	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)	50.00	Cum	5950.00	297500 00
6	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 : 1:1½:3 (1 Cement: 1½ coarse sand (zone-III) : 3 graded stone aggregate 20 mm nominal size)	15.00	Cum	8550.00	128250 00
7	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	300.00	Kg	88.00	26400 00
8	Centering and shuttering including strutting, propping etc. and removal of form for : Foundations, footings, bases of columns, etc. for mass concrete	35.00	Sqm	450.00	15750 00
9	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 50m and lift upto 1.5 m.	320.00	Cum	145.00	46400 00
10	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in superstructure above plinth level up to floor V level in all shapes and sizes in :: Cement mortar 1:6 (1 cement : 6 coarse sand)	2.00	Cum	8800.00	17600 00
11	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	320.00	Kg	98.00	31360 00
12	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	3010.00	Kg	102.00	307020 00
13	12 mm cement plaster of mix : 1:6 (1 cement: 6 fine sand)	8.00	Sqm	250.00	2000 00
14	15 mm cement plaster on the rough side of single or half brick wall of mix : 1:6 (1 cement: 6 fine sand)	11.00	Sqm	330.00	3630 00
15	Providing corrugated G.S. sheet roofing including vertical / curved surface fixed with polymer coated J or L hooks, bolts and nuts 8 mm diameter with bitumen and G.I. limpet washers or with G.I. limpet washers filled with white lead, including a coat of approved steel primer and two coats of approved paint on overlapping of sheets complete (up to 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. 0.63 mm thick with zinc coating not less than 275 gm/ m²	270.00	Sqm	720.00	194400 00
16	Finishing walls with water proofing cement paint of required shade : New work (Two or more coats applied @ 3.84 kg/10 sqm)	20.00	Sqm	85.00	1700 00
17	Painting with synthetic enamel paint of approved brand and manufacture to give an even shade : Two or more coats on new work	100.00	Sqm	135.00	13500 00
18	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.	290.00	Sqm	820.00	237800 00

S.No	Description of Item	Qty	Unit	Rate	Amount
19	Providing and laying non-pressure NP2 class (light duty) R.C.C. pipes with collars jointed with stiff mixture of cement mortar in the proportion of 1:2 (1 cement : 2 fine sand) including testing of joints etc. complete : 250 mm dia. R.C.C. pipe	350.00	Metre	810.00	283500 00
20	Constructing brick masonry manhole in cement mortar 1:4 (1cement : 4 coarse sand) with R.C.C. top slab with 1:1.5:3 mix (1 cement : 1.5 coarse sand (zone-III) : 3 graded stone aggregate 20 mm nominal size), foundation concrete 1:4:8 mix (1 cement : 4 coarse sand (zone-III) : 8 graded stone aggregate 40 mm nominal size), inside plastering 12 mm thick with cement mortar 1:3 (1 cement : 3 coarse sand) finished with floating coat of neat cement and making channels in cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size) finished with a floating coat of neat cement complete as per standard design : Inside size 120x90 cm and 90 cm deep including C.I. cover with frame (heavy duty) 560 mm internal diameter, total weight of cover and frame to be not less than 208 kg (weight of cover 108 kg and weight of frame 100 kg) : With common burnt clay F.P.S. (non modular)bricks of class designation 7.5	15.00	Each	28500.00	427500 00
21	Extra for depth for manholes :Size 120x90 cm With common burnt clay F.P.S. (non modular) bricks of class designation 7.5	10.00	Metre	4800.00	48000 00
22	Making connection of drain or sewer line with existing manhole including breaking into and making good the walls, floors with cement concrete 1:2:4 mix (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size) cement plastered on both sides with cement mortar 1:3 (1 cement : 3 coarse sand), finished with a floating coat of neat cement and making necessary channels for the drain etc. complete : For pipes 250 to 300 mm diameter	2.00	Each	2800.00	5600 00
23	Dismantling tile work in floors and roofs laid in cement mortar including stacking material within 50 metres lead. For thickness of tiles 10 mm to 25 mm	270.00	Sqm	45.00	12150 00
24	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 600x600 mm	55.00	Sqm	1250 00	68750 00
25	Providing and fixing 1st quality ceramic glazed wall tiles conforming to IS: 15622 (thickness to be specified by the manufacturer), of approved make, in all colours, shades except burgundy, bottle green, black of any size as approved by Engineer-in-Charge, in skirting, risers of steps and dados, over 12 mm thick bed of cement mortar 1:3 (1 cement : 3 coarse sand) and jointing with grey cement slurry @ 3.3kg per sqm, including pointing in white cement mixed with pigment of matching shade complete.	220.00	Sqm	1350 00	297000 00
26	Providing & fixing White vitreous china water closet squatting pan (Indian type) along with "S" or "P" trap including dismantling of old WC seat and "S" or "P" trap at site complete with all operations including all necessary materials, labour and disposal of dismantled material i/c malba, all complete as per the direction of Engineer-in charge. Orissa pattern W.C Pan of size 580x440 mm	3.00	Each	4820.00	14460 00
27	Providing and fixing floor mounted, white vitreous china single piece, double traps syphonic water closet of approved brand/make, shape, size and pattern including integrated white vitreous china cistern of capacity 10 litres with dual flushing system, including all fittings and fixtures with seat cover, cistern fittings, nuts, bolts and gasket etc including making connection with the existing P/S trap, complete in all respect as per directions of Engineer-in-Charge.	7.00	Each	5850 00	40950 00
28	Providing and fixing C.P. brass angle valve for basin mixer and geyser points of approved quality conforming to IS:8931. 15mm nominal bore	24.00	Each	680 00	16320 00
29	Providing and fixing CP Brass Two way bib cock of approved quality and colour. 15 mm nominal bore, 165 mm long, weighing not less than 110 gms	10.00	Each	860.00	8600 00
30	Providing and fixing CP brass Health faucet of approved make (Parryware or equivalent) with 1mtr flexible hose/ tube with wall hook etc complete	10.00	Each	960 00	9600 00
31	Providing and fixing white vitreous china flat back or wall corner type lipped front urinal basin of 430x260x350 mm or 340x410x265 mm sizes respectively.	4.00	Each	3650.00	14600 00
32	Providing and fixing Counter top wash basin including making all connections but excluding the cost of fittings : Counter top wash basin of size 400x350 mm	7.00	Each	4620.00	32340 00
33	Providing and fixing wash basin with C.I. brackets, 15 mm C.P. brass pillar taps, 32 mm C.P. brass waste of standard pattern, including painting of fittings and brackets, cutting and making good the walls wherever require:White Vitreous China Wash basin size 630x450 mm with a single 15 mm C.P. brass pillar tap	3.00	Each	3850.00	11550 00
34	Providing and fixing Swan neck pillar cock of approved quality : 15 mm nominal bore	7.00	Each	1150.00	8050 00
35	Providing and fixing uplasticised PVC connection pipe with brass unions : 45 cm length. 15 mm nominal bore	20.00	Each	165 00	3300 00
36	Providing and fixing stainless steel Coat hook of approved quality & make and as per the direction of Engineerin-charge.	6.00	Each	140 00	840 00

S.No	Description of Item	Qty	Unit	Rate	Amount
37	Providing and fixing factory made uPVC door frame made of uPVC extruded sections having an overall dimension as below (tolerance ± 1 mm), with wall thickness 2.0 mm (± 0.2 mm), corners of the door frame to be Jointed with galvanized brackets and stainless steel screws, joints mitred and Plastic welded. The hinge side vertical of the frames reinforced by galvanized M.S. tube of size 19 X 19 mm and 1mm (± 0.1 mm) wall thickness and 3 nos. stainless steel hinges fixed to the frame complete as per manufacturer's specification and direction of Engineer-in-charge Extruded section profile size 48x40 mm	40.00	Metre	780.00	31200.00
38	30 mm thick factory made Polyvinyl Chloride (PVC) door shutter made of styles and rails of a uPVC hollow section of size 60x30 mm and wall thickness 2 mm (± 0.2 mm), with inbuilt decorative moulding edging on one side. The styles and rails mitred and joint at the corners by means of M.S. galvanized/ plastic brackets of size 75x220 mm having wall thickness 1.0 mm and stainless steel screws. The styles of the shutter reinforced by inserting galvanized M.S. tube of size 25x20 mm and 1 mm (± 0.1 mm) wall thickness. The lock rail made up of 'H' section, a uPVC hollow section of size 100x30 mm and 2 mm (± 0.2 mm) wall thickness fixed to the shutter styles by means of plastic/ galvanized M.S. 'U' cleats. The shutter frame filled with a uPVC multi-chambered single panel of size not less than 620 mm, having over all thickness of 20 mm and 1 mm (± 0.1 mm) wall thickness. The panels filled vertically and tie bar at two places by inserting horizontally 6 mm galvanized M.S. rod and fastened with nuts and washers, complete as p	10.00	Sqm	3050.00	30500.00
39	Providing and fixing PTMT handles with necessary screws etc. complete 150x34x24 mm weighing not less than 26 gms	12.00	Each	65.00	780.00
40	Providing and fixing PTMT Tower Bolts with 12 mm one piece rod inside and necessary screws etc. complete 202x42x18 mm weighing not less than 78 gms	12.00	Each	55.00	660.00
41	Providing and fixing ISI marked flush door shutters conforming to IS : 2202 (Part I) non-decorative type, core of block board construction with frame of 1st class hard wood and well matched commercial 3 ply veneering with vertical grains or cross bands and face veneers on both faces of shutters: 30 mm thick including ISI marked Stainless Steel butt hinges with necessary screws	15.00	Sqm	3540.00	53100.00
42	Providing and fixing bright finished brass 100 mm mortice latch with one dead bolt and a pair of lever handles of approved quality with necessary screws etc. complete	5.00	Each	1160.00	5800.00
43	Providing and fixing aluminium extruded section body tubular type universal hydraulic door closer (having brand logo with ISI, IS : 3564, embossed on the body, door weight upto 36 kg to 80 kg and door width from 701 mm to 1000 mm), with double speed adjustment with necessary accessories and screws etc. complete.	5.00	Each	1450.00	7250.00
44	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	10.00	Each	185.00	1850.00
45	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	10.00	Each	110.00	1100.00
46	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. Twin rubber stopper etc. complete.	10.00	Each	85.00	850.00
47	Providing and fixing aluminium sliding door 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 nuts and screws etc. complete : 250x16 mm	5.00	Each	105.00	525.00
48	Dismantling aluminium/ Gypsum partitions, doors, windows, fixed glazing and false ceiling including disposal of unserviceable material and stacking of serviceable material with in 50 meters lead as directed by Engineer-in-charge.	50.00	Sqm	45.00	2250.00

S.No	Description of Item	Qty	Unit	Rate	Amount
49	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 3layers 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)	55.00	Sqm	1220 00	67100 00
50	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.	95.00	Sqm	35.00	3325 00
51	Applying one coat of water thinnable cement primer of approved brand and manufacture on wall surface : Water thinnable cement primer	95.00	Sqm	32.00	3040 00
52	Wall painting with acrylic emulsion paint of approved brand and manufacture to give an even shade : Two or more coats on new work	95.00	Sqm	105.00	9975 00
53	Providing and fixing CP brass towel rail complete with brackets fixed to wooden cleats with CP brass screws with concealed fittings arrangement of approved quality and colour. 600 mm long towel rail with total length of 600 mm	6.00	Each	850 00	5100 00
54	Providing and fixing toilet paper holder : C.P. brass	6.00	Each	645 00	3870 00
Total					2991395.00


 Senior Manager (Engg -Civil)
 AAI, Tuticorin Airport
 For and on behalf of Chairman,
 Airports Authority of India.