



भारतीय विमानपत्तन प्राधिकरण
AIRPORTS AUTHORITY OF INDIA



संदर्भ सं. / Ref. No. :

दिनांक / Dated :

No. AAI/Salem/ENGG (C)/Apron Extension/2020-21/ 31

Dt: 02.02.2021

To,

M/s. KGK Construction
61-4, Kangayam Road,
Kodumudi, Erode,
Tamil Nadu - 638151,

Sub: Extension of Apron at Salem Airport.

SH : Construction of Additional parking bays (02nos) and other allied works at
Salem Airport (Civil Work)

Ref : 1. Your e-tender (Envelope II - Price bid) opened on 28.10.2020

2. Tender ID No. 2020_AAI_60142_1

Sir(s),

1. Your E-tender for the work mentioned above is hereby accepted on behalf of the Chairman, AAI at the item rates quoted by you totaling to Rs.5,24,59,662.63 (Rupees Five Crores Twenty four lakhs fifty nine thousand Six hundred sixty two and sixty three paisa only) plus applicable GST @ 18%.
2. Dy. Gen. Manager (Engg-C) - I, Operational offices, Southern Region, Airports Authority of India, Chennai -600027, shall be the Engineer- in-Charge of the work. You are requested to attend the office of the Dy. Gen. Manager (Engg-C)-I, Operational offices, Southern Region, Airports Authority of India, Chennai -600027 within 25 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. 200/- (Rupees Two hundred only) and the cost of stamp paper shall be borne by you.
3. The earnest money amount of Rs. 11,89,000.00 (Rupees Eleven Lakhs Eighty nine Thousand only) received in the form of Bank Guarantee along with your tender will be treated and converted as part of security deposit as per condition of Clause No. 1(A) on page No. 16 of the contract document. Thereafter security deposit shall be recovered from each running bill as per conditions of contract.

Contd-2..

(2)

4. You are also requested to submit Performance Guarantee amounting to Rs.15,73,790.00 (Rupees Fifteen Lakhs Seventy Three thousand Seven hundred and Ninety only) within 30 days from the date of issue of this letter and bank guarantee shall be kept valid up to stipulated date of completion plus 180 Days.
5. In case the time of completion of the work gets enlarged the contractor shall get validity of Quality protection guarantee and performance guarantee extended to cover such enlarged completion time.
6. 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 of Central and State Governments.
7. You are also directed to contact Asst. Gen. Manager (Engg-C), Operational offices, Southern Region, Airports Authority of India, Chennai -600027 immediately who will arrange to hand over the site to you.
8. Please note that the time allowed for carrying out the work shall be **09 Months** (including 60 days considered for rain of one monsoon season) and same shall be reckoned from the tenth day after issue of this letter.
9. Any further correspondence in connection with the contract should normally be addressed to the Engineer-in-charge.
10. 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,


N.KEERTHIRAJAN

Dy. Gen. Manager Engg.(C)
AAI RHQ SR

FOR AND ON BEHALF OF CHAIRMAN, AAI

Encl: SOQ CIVIL - Schedule 'A'

SCHEDULE 'A'

Name of Work : Extension of Apron at Salem Airport.

Sub Head : Construction of Additional Parking Bays (02 Nos.) at Salem Airport (Civil works)

Name of Office : KALLOL DEB BARMAN, AGM Engg(C), AAI/SR, Operational Office, Chennai Airport.

Work order No : AAI/Salem/ENGG (C)/Apron Extension/2020-21/ **31** , Dt. **02-02-2021**

Order for work described below has been awarded to M/s.KGK Construction to be executed as per conditions attached at the rates given below:

Time of completion: 09 months

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

Note: 1. Applicable GST as on date is 18% for the above said work and GST will be paid on the

upto date bill amount as per applicable GST at the time of payment.

2. L1 will be decided based on the total amount excluding GST.

Sl. No.	Item Description	QTY	Units	RATE Exldg GST In Figures To be entered by the Bidder Rs. P	TOTAL AMOUNT WITHOUT GST
1	2	3	4	5	6
1	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.	15.00	Cum	85.16	1277.40
2	Demolishing brick work manually/ by mechanical means including stacking of serviceable material and disposal of unserviceable material within airport premises as per direction of Engineer-in-charge. In Cement Mortar	21.00	Cum	349.99	7349.79
3	Dismantling of flexible pavement (bituminous courses) by mechanical means and disposal of dismantled material up to a lead of 1 kilometre, as per direction of Engineer-in-charge.	575.00	Cum	408.32	234784.00
4	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering- All work upto plinth level (a)1:4:8(1 cement: 4 coarse sand : 8 graded stone aggregate 40mm nominal size)	215.00	Cum	3841.93	826014.95
5	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering- All work upto plinth level (a)1:2:4 (1 cement: 2 coarse sand : 4 graded stone aggregate 40mm nominal size)	130.00	Cum	4816.41	626133.30
6	Centering and shuttering including strutting, propping etc. and removal of form for all heights : Foundations, footings, bases of columns, etc. for mass concrete	15.00	Sqm	326.66	4899.90

N. Deepa

Sl. No.	Item Description	QTY	Units	RATE Exldg GST In Figures To be entered by the Bidder Rs. P	TOTAL AMOUNT WITHOUT GST
1	2	3	4	5	6
7	Centering and shuttering including strutting, propping etc. and removal of form for all heights : Walls (any thickness) including attached pilasters, buttresses, plinth and string courses etc.	430.00	Sqm	338.32	145477.60
8	Centering and shuttering including strutting, propping etc. and removal of form for all heights : Suspended floor, roofs, landing, balconies and access platforms	100.00	Sqm	349.99	34999.00
9	Providing and laying in position machine batched and machine mixed design mix M-25 grade cement concrete for reinforced cement concrete work, using cement content as per approved design mix, including pumping of concrete to site of laying but excluding the cost of centering, shuttering, finishing and reinforcement, including admixtures in recommended proportions as per IS: 9103 to accelerate, retard setting of concrete, improve workability without impairing strength and durability as per direction of Engineer-in-charge. (Note :- Cement content considered in this item is @ 330 kg/cum. Excess/ less cement used as per design mix is payable/recoverable separately). All works upto plinth level	210.00	Cum	4881.85	1025188.50
10	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	31500.00	Kg	58.12	1830780.00
11	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 20mm nominal size) upto plinth level with : Cement mortar 1:6 (1 cement:6 coarse sand)	610.00	Cum	3420.88	2086736.80
12	Painting runway/taxi track/apron marking with adequate nos of coats to give uniform finish with road marking paint of superior make as approved by the Engineer-in-charge, i/c cleaning the surface of all dirt, scales, oil, grease and other foreign material etc. and lining out complete. New work (Two or more coats)	400.00	Sqm	233.33	93332.00
13	12 mm cement plaster :1:6 (1 cement : 6 coarse sand)	40.00	Sqm	210.69	8427.60
14	Cement concrete flooring 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate) finished with a floating coat of neat cement, including cement slurry, but excluding the cost of nosing of steps etc. complete. 40 mm thick with 20 mm nominal size stone aggregate	40.00	Sqm	285.99	11439.60
15	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)	30.00	Sqm	81.66	2449.80

[Handwritten Signature]

Sl. No.	Item Description	QTY	Units	RATE Exldg GST In Figures To be entered by the Bidder Rs. P	TOTAL AMOUNT WITHOUT GST
1	2	3	4	5	6
16	Preparation of granular sub-base by providing close graded Material conforming to specifications, mixing in a mechanical mix plant at OMC, carriage of mixed material by Mechanical transport to work site, for all leads & lifts, spreading in uniform layers of specified thickness with mechanical means including neatly levelling and dressing on prepared surface and compacting with vibratory power roller to achieve the desired density, complete as per specifications and directions of Engineer-in-Charge : With material conforming to Grade-I having CBR Value-30 as per table -1 of technical specification.	2610.00	Cum	1007.75	2630227.50
17	Providing, laying, spreading and compacting graded stone aggregate (size range 53 mm to 0.075 mm) to wet mix macadam (WMM) specification including premixing the material with water at OMC in mechanical mix plant, carriage of mixed material by mechanical transport to site, for all leads & lifts, laying in uniform layers with mechanical paver finisher in sub-base/ base course on well prepared surface and compacting with vibratory roller of 8 to 10 tonne capacity to achieve the desired density, complete as per specifications and directions of Engineer- incharge.	2610.00	Cum	1215.68	3172924.80
18	Providing and laying dry lean cement concrete with coarse and fine aggregate conforming to IS:383, the size of coarse aggregate not exceeding 26.5 mm, aggregate cement ratio not to exceed 15:1, aggregate gradation after blending to be as per specifications, cement content not to be less than 150 Kg/ cum, optimum moisture content to be determined during trial length construction, concrete strength not to be less than 10 Mpa at 7 days, mixed in a batching plant as per mix design, transported to site, laid with a paver with electronic sensor, compacting with 8-10 tonne vibratory roller, finishing and curing etc. complete as per direction of Engineer-in- charge.	2200.00	Cum	3073.55	6761810.00

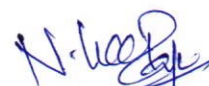
N. Keerthi

Sl. No.	Item Description	QTY	Units	RATE Exldg GST In Figures To be entered by the Bidder Rs. P	TOTAL AMOUNT WITHOUT GST
1	2	3	4	5	6
19	Providing and laying Pavement Quality Concrete (PQC) produced in a batching and mixing plant having a Characteristic flexural strength i.e. flexural strength of 4.1 MPa at 28 days using Ordinary Portland cement of 43/53 grade or Portland Pozzolana Cement or Portland Slag cement conforming as per relevant IS codes, to be mixed at site, with 0.5% Super plasticizer by mass of cementitious material, fine aggregate, graded stone aggregates of 40 mm nominal size in appropriate proportion as per specification and job mix formula, laid in panels as per drawings/design as approved by the Engineer-In-Charge using Slip Form Paver or Fixed form paver including anti friction layer, joint filler board, making necessary provision for expansion, dummy and construction joint including filling with Polysulphide sealant of approved make, curing and making profile, complete as per direction of Engineer-in-Charge and specifications. The item for execution shall include all operations making pavement for intended use but not limited to following: (i) Polyethylene sheet (White in color) of thickness 400 micron conforming to IS: 2508 with 6mm thick fine sand layer. (ii) Providing and laying in position for expansion joint, 25mm thick pre-cut Synthetic joint filler board of approved make conforming to IS:1838(part 3)-2011, 45 mm from top (to be removed at the time of filling of Polysulphide sealant). (iii) Mechanically cutting dummy joints 3mm wide x 1/3rd thickness of slab which is subsequently widened to 10mm for the top 25mm depth and construction joints 10mm wide x 25mm deep as per specification. (iv) Providing and laying in position Polysulphide sealant of approved make conforming to BS-5212-1990 or IS: 11433-1995 in expansion/ construction / dummy joints including rounding off edges, applying 2 coats of approved primer compatible with the brand of Polysulphide and preparing the surface and applying masking tape along the edge of joint to prevent accidental spillage of sealant on top surface and to give neat finish to the sealant and removing the masking tape after application of sealant etc. as per the details below: (a) Expansion Joints of size 25 mm wide and 10 mm deep over 30mm dia expanded closed-cell Polyethylene foam back-up/backer rod of minimum density 22 Kg/Cum, as per manufacturer's specifications and sketch at Appendix-'A'. (b) Construction Joints of size 10 mm wide and 10 mm deep over 12mm dia expanded closed-cell Polyethylene foam back-up/backer rod of minimum density 22 Kg/Cum, as per manufacturer's specifications and sketch at Appendix-'A'. (c) Dummy Joints of size 10 mm wide and 10 mm deep over 12 mm dia expanded closed-cell Polyethylene foam back-up/backer rod of minimum density 22 Kg/Cum, as per manufacturer's specifications and sketch at Appendix-'A'. (v) Making profile as per DGCA CAR, panel drawing showing dummy, construction, expansion joints location. Note: (i) Areas inaccessible to paving equipment shall be constructed by manual/hand guided method. Areas in which manual/hand guided methods of construction become indispensable shall be got approved by the Engineer-in-Charge in writing in advance. (ii) The quantity of cement, type of cement and super plasticizer for one Cum. of finished concrete specified are for tendering purpose only. The contractor shall quote his rates assuming quantity of OPC cement as 360 Kg/Cum or 400 Kg of Portland Pozzolana Cement/ Portland Slag cement. In addition, if the actual quantity of cement & super plasticizer required as per laboratory mix design varies from the quantity assumed above, necessary cost adjustment for deviation in the quantity of cement and super plasticizer as per mix design, if any, shall be done as per the rate of cement and super plasticizer in actual supply voucher from manufacturer/authorized dealer at the time of execution. In the case of authorized distributor, the rate may be authenticated by the manufacturer. The rate of cement and super plasticizer exclusive of GST shall only be considered for payment.	4140.00	Cum	5327.13	22054318.20
20	Demolishing cement concrete in pavement manually/ by mechanical means including disposal of material with all leads and lifts within airport premises including levelling and neatly dressing of disposed material within airport premises completely as directed by Engineer-In-Charge.	180.00	Cum	524.98	94496.40
21	Structural design for RCC UG sump and Box culvert including submission of 3 sets of construction drawings and design details to the EIC and the same to be get vetted from any Government Engineering College / REC as per the directions of EIC.	1.00	Job	58331.3	58331.28
22	Excavation in soil with hydraulic excavator including cutting & loading in tippers, trimming bottom and side slopes in accordance with requirement of line, grades and cross section and transporting and unloading to the disposal location(s) including levelling and neatly dressing of disposed soil completely as directed by Engineer-In-Charge with all lifts and lead within Airport Premises. All kinds of Soil	22000.00	Cum	120.16	2643520.00

N. K. Singh

Sl. No.	Item Description	QTY	Units	RATE Exldg GST In Figures To be entered by the Bidder Rs. P	TOTAL AMOUNT WITHOUT GST
1	2	3	4	5	6
23	Construction of Subgrade embankment with Moorum/gravel soil brought out from approved quarry out side the airport premises. The complete operation will include spreading the Moorum with dozer, dressing, levelling, providing camber, grading with motor grader and consolidating with vibratory roller 8-10 tonne capacity in layers not exceeding 20cm in depth to achieve 95% of the field density including making good the undulation etc. as per technical specifications and drawings complete and directions of Engineer-in-Charge. (Cost includes all leads ,taxes, royalty, operations and obtaining field density from the approved land or Govt Engineering college)	17515.00	Cum	439.39	7695915.85
24	Providing and laying G.I. pipes of 150 mm dia complete with G.I. fittings along cable trenches as per the direction of Engineer in charge. External work 150 mm dia. nominal bore	104.00	Meter	3298.63	343057.52
25	Supply of RCC Precast Cable chamber for the size of 1000x1000x1000x100mm thick with cover slab including transportation and placing in position as per the direction of Engineer in charge.	4.00	Each	991.63	3966.52
26	Brick work with bricks of class designation 50 in foundation and plinth in : Cement mortar 1:6 (1 cement : 6 coarse sand) (Note:River sand/M Sand should conform to requirements given in the relavent IS code 383 (latest revision)).	12.00	Cum	5150.36	61804.32
	Total				52459662.63

RUPEES FIVE CRORE TWENTY FOUR LAKHS FIFTY NINE THOUSAND SIX HUNDRED AND SIXTY TWO PAISE SIXTY THREE



(N.KEERTHIRAJAN)

Dy. Gen. Manager Engg. (C)

AAI/SR, Chennai Airport

FOR AND ON BEHALF OF CHAIRMAN, AAI