



भारतीय विमानपत्तन प्राधिकरण AIRPORTS AUTHORITY OF INDIA

No. AAI/CL/ENGG/SM [E-C]/AMC-QTR/2021-22 / 613

Date: 18.02.2022

To

By Hand /Fax/E-mail
By Reg. post with A/D

Mr. M SYED ISMAIL
TC 36/116 (9), KERA GARDEN- 101. F,
VALLAKADAVU P.O
TRIVANDRUM-695008

Name of Work : A/R & M/O Civil Works during 2021-22 at Calicut Intl. Airport.
SH: Annual Maintenance contract for residential quarters 2021-22.

Ref : 1). Tender ID No- 2022_AAI_100489

2). Your Tender opened on DT: 07.02.2022

Sir,

- 1) Your tender for the work mentioned above is hereby accepted on behalf of Chairman, Airports Authority of India for an amount of ₹ 35,00,000.00 (Excluding GST)(Rupees Thirty Five Lakhs Only) at the percentage rate quoted by you which is 3.00 % (Three Percentage) Above the rates of all DSR 2018 items and additional items 1 to 40 except item No.29 a,b.
- 2) **Jt.Gen.Manager Engg[C]/Senior Manager Engg [C]**, AAI, Calicut Intl. Airport, Calicut, shall be the Engineer – in- charge of the work. You are requested to attend the office of Jt.Gen.Manager Engg [C]/Senior. Manager-Engg [C], AAI, Calicut Intl. Airport by **15.03.2022** to sign and complete the contract agreement. The contract agreement shall be executed on a non-judicial stamp paper of value Rs.200.00 (Rupees Two Hundred only) and the cost of the stamp paper shall be borne by you.
- 3) Please deposit ₹3,50,000.00 (Rupees Three Lakh and Fifty Thousand Only) towards Security Deposit within 10 days after the date of issue of this letter, failing which, the same will be deducted as per Condition Clause 1 A on page GCC-16 of the contract document.
- 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 and minimum wages act and rules thereof Central and State Governments.
- 5) You are also directed to contact. **Manager [Engg-Civil]**, immediately who will arrange to hand over the site to you.

Handwritten signature and date
18/02/2022
SM(C)

प्रवीण के. PRAVEEN. K
सिनिस्ट प्रबंधक (इंजी -सिविल)
SR. MANAGER (ENGG-CIVIL)

आ. वि. प्रा. कालीकट विमानपत्तन प्राधिकरण
AAI, CALICUT INTERNATIONAL AIRPORT

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कालीकट अंतर्राष्ट्रीय हवाईअड्डा
Calicut International Airport

कालीकट हवाईअड्डा (डा.घ),
Calicut Airport (P.O),



केरल-673647
Kerala-673647
Phone : 0483-2711 325
फैक्स/Fax : 0483-2711 406

- 6) Please note that the time allowed for carrying out the work shall be **12 (Twelve)** Months and same shall be reckoned from **01.03.2022**.
- 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.

Encl: BOQ 05 Pages

Yours faithfully,

[Signature]
18/02/2022
SMC
Senior.Manager Engg (C)
AAI,Calicut.Intl Airport
On behalf of Chairman
वरिष्ठ प्रबंधक (इंजी-सिविल)
SR. MANAGER (ENGG-CIVIL)
भा.वि.प्रा. कालिकट अंतराष्ट्रीय हवाई अड्डा
AAI, CALICUT INTERNATIONAL AIRPORT

Through Email:-

1. Airport Director, AAI, Calicut Intl. Airport
2. Jt .Gen. Manager- Engg [C], AAI, Coimbatore Intl. Airport
3. Dy. Gen. Manager (Fin), AAI, Calicut Intl. Airport
4. Manager - Engg [C], AAI, Calicut Intl. Airport
5. Works file

बाहरी / External:

1. Jt. Gen. Manager (Vigilance), Sr, Admn. Building Chennai Airport, Chennai.
2. Regional Provident Fund Commissioner, Kozhikkode, Kerala.
3. Employees State Insurance Corporation, Kozhikkode, Kerala.

Yours faithfully,

[Signature]
18/02/2022
SMC
Senior.Manager Engg (C)
AAI,Calicut.Intl Airport
On behalf of Chairman

प्रवीण के. / PRAVEEN. K
वरिष्ठ प्रबंधक (इंजी-सिविल)
SR. MANAGER (ENGG-CIVIL)
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Schedule of Quantities

Name of Work: A/R & M/O Civil work during 2021-22 at Calicut International Airport.

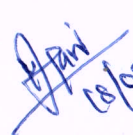
SH: Annual Maintenance contract for residential quarters 2021-22.

Item No.	Description	Unit	Rate (Rs.)
A	All DSR 2018 Items	As per DSR 2018	
B	ADDITIONAL ITEMS		
1.	Cleaning of underground water tanks/surface water tanks and removal of malba and disinfecting the tank with bleaching powder as directed by the Engineer-in-Charge.		
a)	For 50,000 litre capacity tank	Each	4076.98
b)	For 1.25 lakh litre capacity tank	Each	5978.25
c)	3.00 lakh litre capacity	Each	8289.40
2.	Cleaning of GI/MS/Masonry/Sintex overhead water tanks including removal of malba and disinfecting the tank with bleaching powder as directed by the Engineer-in-Charge.		
a)	For upto 1000 litre capacity	Each	448.95
b)	Above 1000 litre, upto 5000 litre capacity	Each	1548.56
c)	Above 5000 litre, upto 10,000 litre capacity	Each	3847.00
d)	Above 10,000 litre, upto 50,000 litre capacity	Each	4952.35
3.	Periodic testing of water samples including collection of the samples from various sources and getting it tested from Kerala Water Authority, as instructed by the engineer in charge.	Each	1813.52
4.	Laterite masonry with laterite stone blocks of size 0.35x0.21x0.20 with cement mortar 1 : 6 (1cement : 6 coarse sand including dressing of sides etc complete as per the direction of Engineer in charge upto plinth level.	cum	4655.27
5.	Laterite masonry with laterite stone blocks of size 0.35x0.21x0.20 with cement mortar 1 : 6 (1cement : 6 coarse sand including dressing of sides etc complete as per the direction of Engineer in charge above plinth level upto floor V level	cum	5508.82
6.	Fixing available glass or particle board paneling in aluminium door, partitions, window, ventilators etc. with a PVC neoprin gasket etc. complete as per the approved design and as per the direction of Engineer-in-charge. (Rate shall be excluding cost of glass and particle board)	sqm	61.57
7.	Providing and fixing CP brass basin coupling of approved make for kitchen sink and wash basin waste tank line as per the direction of Engineer in charge.	Each	240.24
8.	Providing and fixing health faucet (prayag) or approved equivalent as per the direction of Engineer in charge.	Each	554.31

Signature
18/02/2022
8mc

प्रवीण के. / PRAVEEN. K
वरिष्ठ प्रबंधक (इंजी-सिविल)
SR. MANAGER (ENGG-CIVIL)
भा.वि.प्रा. कालिकट अंतराष्ट्रीय हवाई अड्डा
AAI, CALICUT INTERNATIONAL AIRPORT

Item No.	Description	Unit	Rate (Rs.)
9.	Providing and fixing CP brass pillar cock of approved make like prayag and quality conforming IS standards for wash basin. -15mm nominal bore	Each	812.39
10.	Providing and fixing pvc water tank cover for 500-1000 liter tank of approved make and quality conforming IS standards as approved by Engineer in Charge	Each	95.23
11.	Maintaining the lawn in good condition and making it free from weeds and mowing cutting of excess growth at regular intervals including watering as required for a period of one month including applying manure and insecticides whenever required.(manure and insecticides will be supplied at free of cost)	sqm per month	13.92
12.	Maintaining the potted plants (including maintainance of indoor /out door plants and nursery etc)in good condition and making it free fro weeds and cutting of excess growth at regular intervals including watering as required for a period of one month including applying manure and insectides when ever required .(Manure and insectide will be supplied at free of cost)	each per month	55.68
13.	Maintaining the shrubs in good condition and making it free from weeds and cutting of excess growth at regular invervals including watering as required for a period of one monthincluding applying manure and insectide when ever required .(Manure and insectide will be supplied at free of cost)	each per month	27.84
14.	Providing tipper including fuel,operator for works related to AAI requirements, lany other requirements as per the direction of Engineer-in-charge.	per day	3922.42
15.	Providing J.C.B including fuel,operator for works related to AAI requirements, like excavation, levelling any other requirements as per the direction of Engineer-in-charge.	Hr	1176.73
16.	Providing and fixing PVC pipes (10 kg) conforming to IS complete with fittings in water line sewerline, vent pipes, the rate inclusives of cutting,finshing etc., with required slope complete as per the direction of Engineer-in-charge		
a	15 mm outer dia	metre	96.39
b	20 mm outer dia	metre	93.94
c	25 mm outer dia	metre	104.00
d	32 mm outer dia	metre	130.34
e	50 mm outer dia	metre	236.47
17.	Supplying PVC pipes (10 kg) conforming to ISI complete of approved make as per the direction of Engineer-in-charge		



 18/02/2022
 प्रवेण के. / PRAVEEN. K
 वरिष्ठ प्रबंधक (इंजी - सिविल)
 SR. MANAGER (ENGG-CIVIL)
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 AAI, CALICUT INTERNATIONAL AIRPORT

Item No.	Description	Unit	Rate (Rs.)
a	20 mm outer dia	metre	32.25
b	25 mm outer dia	metre	39.99
c	32mm outer dia	metre	60.25
d	40mm outer dia	metre	99.07
e	50mm outer dia	metre	141.89
f	63mm outer dia	metre	206.09
g	110mm outer dia	metre	603.57
h	150mm outer dia	metre	1298.84
18.	Supplying PVC pipes (6 kg) conforming to ISI complete of approved make as per the direction of Engineer-in-charge		
a	40mm outer dia	metre	63.97
b	50mm outer dia	metre	91.47
c	63mm outer dia	metre	138.92
d	110mm outer dia	metre	374.61
e	150mm outer dia	metre	796.35
19.	Providing and fixing MS weld mesh of 14 gauge and opening size 35x35mm to MS framework openings etc.all complete as per the direction of Engineer-in-charge.	Sqm	153.71
20.	Providing and fixing 20 mm thick PVC door of sintex make or equivalent including frame, brackets handles, locking arrangements etc.all complete at required locations as per the direction of Engineer in charge.	sqm	1716.07
21.	Supplying of angle cock Prayag, onida of approved make or equivalent as per the directions of Engineer in Charge	Each	260.48
22.	Supplying of CP brass long body bib cock of Prayag h20 evion approved make or equivalent and quality as per the directions of Engineer in Charge	Each	819.43
23.	Supplying of CP brass bib cock of TOKO, prayag of approved make or equivalent and quality as per the directions of Engineer in Charge	Each	662.53
24.	Supplying of CP brass sink cock of Prayag H20 Evion approved make and or equivalent quality as per the directions of Engineer in Charge	Each	1455.50
25.	Supplying of CP brass 2 in 1 bib cock of Prayag H20 Evion approved make or equivalent and quality as per the directions of Engineer in Charge	Each	1343.32
26.	Providing and fixing precoated galvanised iron profile sheets (size, shape and pitch of corrugation as approved by Engineer-in-charge) 0.35 mm 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 as per the directions of Engineer in Charge	sqm	362.13

प्रवीण के. / PRAVEEN K
वरिष्ठ प्रबंधक (इंजी -सिविल)
SR. MANAGER (ENGG-CIVIL)
भारतीय वायुसेना अंतराष्ट्रीय हवाई अड्डा
AAI, CALCUTTA INTERNATIONAL AIRPORT

Item No.	Description	Unit	Rate (Rs.)
27.	Providing and fixing 9 mm thick prelaminated particle board flat pressed three layer or graded wood particle board interior grade 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	sqm	585.58
28.	Clearing of vegetation growth using grass cutting machine (The rate inclusive hire charges of grass cutting machine, cost of labour & fuel, over heads and contractor profit)	sqm	2.35
29.	Providing unskilled/semi skilled workers for temporary nature of works/works unsuceptable to measure as and when required including necessary T&P. (Ex.works like shifting of store/office, verification of annual stock, filling water in desert cooler and other misc. works).		
a)	Unskilled worker	Each	640.52 *
b)	Semi-Skilled worker	Each	723.82 *
30.	Supplying liquid chlororine for dis infecting the water in pumphouse etc all complete (The rate inclusive of materials, carriage etc)	lit	43.44
31.	Supplying alum for water treatment at Pumphouse etc all complete (The rate inclusive of meterials,carriage etc)	kg	61.10
32.	Cleaning of chocked/blocked rain water pipe, soil waste pipe, vent pipe, manhole, sewerage pipe, gully traps EWC,IWC,Wash basin, kitchen sink, bottle traps, floor traps, house drain, storm water drain etc. of any diameter and sizes i/c removal of malba as directed by Engineer-in-charge.		
a)	Manhole i/c connected soil waste/sewerage pipe upto the next manhole (rate i/c labours,pumping charge etc)	Each	674.66
b)	Gully traps I/c connected soil waste/sewerage pipe upto the nearest manhole	Each	137.02
c)	EWC/IWC/I/c urinal connected traps and soil waste pipe upto the nearest opening point in the soil waste pipe	Each	44.28
d)	Wash basin/kitchen sink I/c connected traps, floor traps etc	Each	31.31
e)	Roof terrace cleaning i/c cleaning of rain water pipe inlets	Sqm	1.62
33.	Desilting and cleaning of storm water drain open/covered by first removing the RCC slabs on drain top where ever is there, then desilting of drain, disposal of debris/liquid mud upto a lead of 200 m away from site and refixing precast RCC slab in position	metre	33.19
34.	Providing and applying PU grouting waterproofing treatment using MYK Aquafin p4(I) , Nitofill UR 63 or approved equivalent which provides a low viscous, elastic and solvent-free polyurethane injection resin for permanent waterproof sealing of cracks and construction joints. It forms, in contact with water a uniform, closed and therefore watertight pore structure, shall be injected in to these ports with help of an electrical grouting pump of pressure 10000 psi. the item includes required staging material, labour consumable etc as per direction of engineering incharge	Kg	1274.79

प्रवीण के. / PRAVEEN. K
वरिष्ठ प्रबंधक (इंजी -सिविल)
SUPERVISOR (ENGG-CIVIL)
आर.प्र. कॉलेज अंतरराष्ट्रीय हवाई अड्डा
AAI, CALCUT INTERNATIONAL AIRPORT

Item No.	Description	Unit	Rate (Rs.)
35.	Providing and fixing packers as per direction of engineer in charge for applying PU grouting. The work includes cost of packers it's fixing charges and staggering if required as per the direction of EIC.	each	392.25
36.	Providing and fixing 6mm thick mirror with studs as per the direction of Engineer in charge in approved sizes and shapes in toilets. The rates includes material, labour, machineries and fixing charges in nothing extra shall be payable.	Sqm	1346.87
37.	Providing and fixing Mosquito mesh in approved sizes for windows and openings as per the direction of Engineer-in-charge.	Sqm	156.37
38.	Laterite masonry with available laterite stone blocks of size 0.35x0.21x0.20 with cement mortar 1 : 6 (1cement : 6 coarse sand including dressing of sides etc complete as per the direction of Engineer in charge upto plinth level. Lead up to 50 m considered	cum	2019.41
39.	Laterite masonry with available laterite stone blocks of size 0.35x0.21x0.20 with cement mortar 1 : 6 (1cement : 6 coarse sand including dressing of sides etc complete as per the direction of Engineer in charge upto plinth level. Lead up to 50 m considered	cum	2872.96
40.	Providing and applying waterproofing treatment using two component acrylic polymer modified elastomeric waterproofing compound fosroc brush bond or approved equivalent . Apply the second coat of brush bond as soon as the first coat has reached touch dry state. the treatment including cutting 'v' groove along the construction joint/wall-floor joints and filling the same and honey combed area with polymer modified mortar. All as per the manufactures specifications and the direction of engineer in charge.	Sqm	441.28

***Percentage rate not applicable on this item no 29 (a,b). The rates shown here only shall be payable.**

The payment of items shall be regulated as below(a)Shedule of rate as per DSR 2018 and Additional Miscellaneous items (except for item No. 29 a,b)

The payment of items shall be regulated as below

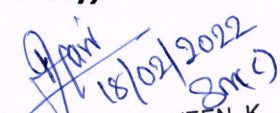
(a)Shedule of rate as per DSR 2018 and Additional Miscellaneous items (except for item No. 29 a,b.)

Rate of item as per schedule = X

Rate to be considered for payment = $\frac{(X/1.1405) \times (100 \pm \text{Quated Percentage Rate})}{100}$

For item No. 29 a,b. rate shown in SOQ only shall be considered for payment

Percentage rate applicable over DSR 2018 items and Additional Items 1 to 40 except item No.29 a & b) mentioned is (+) 3.00% Above (Three Percentage Above Only)


Senior Manager Engrg (C)
AAI, Calicut Intl Airport
 SR. MANAGER (ENGG-CIVIL)
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