

Justification statement

Name of Work:- Environmental Support Services(Upkeeping) of Terminal and Office Buildings at Kadapa Airport 2021-24.

Sl.No.	DESCRIPTION	Total Quantity /Area Sqr Mtr			
1	PAX FLOOR (1)				
	Environmental Support Services (Up-keeping) and Maintenance of Terminal Complex (excluding toilets) including scrubbing and cleaning ,wet and dry vacuum cleaning of floors, Internal / External walls including, cleaning of metal accessories /surfaces etc. Complete with labour, materials and machines as required. (Passenger Area) (Rate to be quoted for 01 shift)	1130.94			
2	PAX GLASS FACADE (2)				
	Environmental Support Services (Up-keeping of external / internal façade, cladding, glass panes/partitions) of buildings complete with labour, materials & machines as required as per scope of work. (Passenger Area) (Rate to be quoted for 01 shift)	677.46			
3	PAX FALSE CEILING (3)				
	Environmental Support Services (Up-keeping of false ceiling) of buildings complete with labour, materials & machines as required as per scope of work. (Passenger Area) (Rate to be quoted for 01 shift)	142.51			
4	PAX TOILET (4)				
	Environmental Support Services and maintenance of Toilet blocks in Terminal Complex including scrubbing and cleaning of floors, tiles, Counters, Walls, sanitary fixtures & fittings and cleaning of metal accessories etc. Providing toilets papers, soaps, sanitary cubes, freshener sticks (where automatic dispensers are not available) etc. complete with labour, materials & machines as required as per scope of work. (Passenger Area Toilet) (Rate to be quoted for 01 shift)	79.11			

5	Ops & Roads (5)				
	Environmental Support Services and Maintenance of Paved/ Metalled areas i/c kerb area, footpaths/ approach roads/ apron area etc. of Airport Complex complete with labour, materials & machines as required as per scope of work. (Rate to be quoted for 01 shift) (Apron /approach roads area to be considered as per requirement of airport)	3691.11			
6	NPAX FLOOR(6)				
	Environmental Support Services (Up-keeping) and Maintenance of offices / Ancillary Buildings (excluding toilets) including scrubbing and cleaning , Internal / External walls including, cleaning of metal accessories /surfaces etc. Complete with labour, materials as required. (Non Passenger Area) (Rate to be quoted for 01 shift)	1715.57			
7	NPAX GLASS FAÇADE (7)				
	Environmental Support Services (Up-keeping of external / internal façade, cladding, glass panes/partitions & false ceiling) of buildings complete with labour, materials & machines as required as per scope of work. (Non Passenger Area) (Rate to be quoted for One Shift)	251.10			
8	NPAX TOILET (8)				
	Environmental Support Services and maintenance of Toilet blocks in offices / Ancillary Buildings including scrubbing and cleaning of floors, tiles, Counters, Walls, sanitary fixtures & fittings and cleaning of metal accessories etc. Providing toilets papers, soaps, sanitary cubes, freshener sticks (where automatic dispensers are not available) etc. complete with labour & materials as required as per scope of work. (Non-Passenger Area Toilet) (Rate to be quoted for 01 shift)	175.88			
	No. of shifts (consider 50% of shift in case lean period/ Nil pax movements >= 2hrs)	1	Manpower in each shift may be considered accordingly in SCC clause 29.2 of tender docs		

A	Total Machines cost for 36 months (A) {15% CP * 3 yr * 365 days *per day hiring charges}	Rs	124199.83
B	Total Manpower Cost for 36 months (B) { 15%CP * 3 yr * 365 days * per day manpower wages for the required manpower Including one Extra Labour (8 Unskilled labour and 1 skilled labour)	Rs	5108777.25
C	Total Material Cost for 36 months (C) { 15 % CP * 36 Months * Per month material cost }	Rs	1349826.71
D	Total Tools Cost (D)	Rs	13458.00
E	Cost of Uniform for 9 Manpower for 03 years @ Rs 4395 per person per Year(Cost of one Set of uniform Rs.1465/- & For 3 Set = 3X1465/-=4395) (E)	Rs	118665.00
X	GRAND TOTAL (X) = (A)+(B)+(C)+(D)+(E)	Rs	6714926.79
	Justification amount	Rs	6714926.79

Auth
10/05/2021
Manager(Engg-C)

HIRING CHARGES OF MACHINERIES

HIRING CHARGES OF MACHINERIES PER DAY

HIRING CHARGES OF MACHINERIES PER DAY									
S.NO	DESCRIPTION	claimed working area per shift	considered area	QTY.	Lowest RATE (Out of three Quotations) per machine after discount	UNIT	AMOUNT	Hiring charges including consumables per day	(Average of Aluminium and Hydraulic platform Hire Charges)
1	2			3	4	5	6	7=6*20 %/365	
1	Scrubber-cum Drier (Ride On/ Walk Behind)	7000	6000	1	180000	Each	180000	98.63	
2	Single Disc Scrubber	6000	5000	0	1	Each	0	0.00	
3	Wet & Dry V.C with Upholstery Extraction	3000	2700	0	1	Each	0	0.00	
4	Back Pack Vacuum Cleaner	3000	2700	0	1	Each	0	0.00	
5	Sweeper (Ride On/ Walk Behind)	7000	6000	0	1	Each	0	0.00	
6	Water Pressure Jet(With Foam)			0	1	Each	0	0.00	
7	Ride on Scooty Mop			0	1	Each	0	0.00	
8	Aluminum Dual Mast Aerial work platform/Scissor Lift			0	1	Each	0	0.00	0.00
9	Hydraulic Aerial Access platform/ Z Boom/ Crawler Boom Lift			0	1	Each	0	0.00	
Total Hiring Cost of Machines per day								98.63	

Note: machines at SL No 8 & 9 may be considered as per requirement of airport, status in tender may be modified accordingly

Hiring charges- Total Cost of Machine*20%/365 days

COST OF MATERIALS & TOOLS (As per SCC 13.4)

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COST OF TOOLS

	Supplier's name		M/s Roots	M/s IP cleaning			
Sl. No.	MATERIAL	UNIT.	RATE after discount excluding GST	RATE after discount excluding GST	MIN. RATE	Qty as per airport requirement	Monthly Cost
01	Aluminium stool 3 ft height	Each	1500.00	800.00	800.00	1.00	800.00
02	Glass cleaning kit- full set	Each	5390.00	6441.00	5390.00	1.00	5390.00
03	Moping Trolley with single bucket – 15 Ltr.	Each	8277.00	1284.00	1284.00	1.00	1284.00
04	Telescopic Poles – 09 mtr	Each	5783.00	1284.00	1284.00	1.00	1284.00
05	Safety Belts	Each	2150.00	1250.00	1250.00	2.00	2500.00
06	Work under progress standees	Each	550.00	984.00	550.00	4.00	2200.00
Total Cost of tools required at the Airport (In accordance with Clause 28.2 of SCC):-							13458.00

MINIMUM WAGES OF MANPOWER

Sl. No.	MANPOWER	UNIT.	RATE
1	Supervisor/ skilled	man day	609
2	Operator/ Semi-skilled	man day	505
3	Sweeper/ unskilled	man day	431
4	Facility Manager/ Highly skilled*	man day	

*For QCBS Airport.

Sl. No.	MANPOWER		P MESS FLOOR	P GLASS	P FC	P TRUSS	PAX TOILET	NP SOFA	P SOFA	NPAX FLOOR	NP TOILET	ROADS/O PS AREA	MESS PAVED	NP glass	TOTAL/ SHIFT	Manpower/ Shift
1	Supervisor/ skilled		0.08	0.04	0.00	0.00	0.30		0.00	0.07	0.11	0.03	0.00	0.00	0.63	1.00
2	Operator/Semi-skilled		0.00	0.00	0.00	0.00	0.00		0.00		0.07		0.00		0.07	0.00
3	Sweeper/ unskilled		0.72	0.34	-0.00	0.00	5.00			0.75	1.06	0.26	0.00	0.03	8.14	8.00

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COMPARITIVE STATEMENT

Tender Inviting Authority: Airport Director, Airports Authority of India, Kadapa Airport.

Name of Work: Environmental Support Services(Upkeeping) of Terminal and Office Buildings at Kadapa Airport 2021-24.

Contract No: 2021_AAI_74803_1

Date of opening: 10.05.2021

Sl.No	Description of Work / Item(s)	No.of Qty	Units	King Security Guards Services Pvt. Ltd.		Ms. Bohra Enterprises, Gondia		SNEHAM AGENCIES OPC PVT LTD	
				Rate	Amount	Rate	Amount	Rate	Amount
1.00	PAX FLOOR (1) Environmental Support Services (Up-keeping) and Maintenance of Terminal Complex (excluding toilets) including scrubbing and cleaning ,wet and dry vacuum cleaning of floors, Internal / External walls including, cleaning of metal accessories /surfaces etc. Complete with labour, materials and machines as required. (Passenger Area) (Rate to be quoted for 01 shift)	1130.94	Per sqm Per month	15.00	16964.10	20.52	23206.89	15.00	16964.10
2.00	PAX GLASS FACADE (2) Environmental Support Services (Up-keeping of external / internal façade, cladding, glass panes/partitions) of buildings complete with labour, materials & machines as required as per scope of work. (Passenger Area) (Rate to be quoted for 01 shift)	677.46	Per sqm Per month	8.00	5419.68	11.07	7499.48	16.00	10839.36
3.00	PAX FALSE CEILING (3) Environmental Support Services (Up-keeping of false ceiling) of buildings complete with labour, materials & machines as required as per scope of work. (Passenger Area) (Rate to be quoted for 01 shift)	142.51	Per sqm Per month	100.00	14251.00	21.52	3066.82	15.00	2137.65
4.00	PAX TOILET (4) Environmental Support Services and maintenance of Toilet blocks in Terminal Complex including scrubbing and cleaning of floors, tiles, Counters, Walls, sanitary fixtures & fittings and cleaning of metal accessories etc. Providing toilets papers, soaps, sanitary cubes, freshener sticks (where automatic dispensers are not available) etc. complete with labour, materials & machines as required as per scope of work. (Passenger Area Toilet) (Rate to be quoted for 01 shift)	79.11	Per sqm Per month	150.00	11866.50	52.53	4155.65	18.00	1423.98

Sl.No	Description of Work / Item(s)	No.of Qty	Units	King Security Guards Services Pvt. Ltd.		Ms. Bohra Enterprises, Gondia		SNEHAM AGENCIES OPC PVT LTD	
				Rate	Amount	Rate	Amount	Rate	Amount
5.00	Ops & Roads (5) Environmental Support Services and Maintenance of Paved/ Metalled areas i/c kerb area, footpaths/ approach roads/ apron area etc. of Airport Complex complete with labour, materials & machines as required as per scope of work. (Rate to be quoted for 01 shift) (Apron /approach roads area to be considered as per requirement of airport)	3691.11	Per sqm Per month	20.00	73822.20	21.52	79432.69	23.00	84895.53
6.00	NPAX FLOOR(6) Environmental Support Services (Up-keeping) and Maintenance of offices / Ancillary Buildings (excluding toilets) including scrubbing and cleaning , Internal / External walls including, cleaning of metal accessories /surfaces etc. Complete with labour, materials as required. (Non Passenger Area) (Rate to be quoted for 01 shift)	1715.57	Per sqm Per month	10.00	17155.70	10.52	18047.80	25.16	43163.74
7.00	NPAX GLASS FAÇADE (7) Environmental Support Services (Up-keeping of external / internal façade, cladding, glass panes/partitions & false ceiling) of buildings complete with labour, materials & machines as required as per scope of work. (Non Passenger Area) (Rate to be quoted for One Shift)	251.10	Per sqm Per month	8.00	2008.80	11.07	2779.68	22.10	5549.31
8.00	NPAX TOILET (8) Environmental Support Services and maintenance of Toilet blocks in offices / Ancillary Buildings including scrubbing and cleaning of floors, tiles, Counters, Walls, sanitary fixtures & fittings and cleaning of metal accessories etc. Providing toilets papers, soaps, sanitary cubes, freshener sticks (where automatic dispensers are not available) etc. complete with labour & materials as required as per scope of work. (Non-Passenger Area Toilet) (Rate to be quoted for 01 shift)	175.88	Per sqm Per month	100.00	17588.00	52.53	9238.98	10.00	1758.80
	Total in Figures				159075.98		147427.99		166732.47
	Total for 36 months				5726735.28		5307407.64		6002368.92
Lowest Amount Quoted BY: Ms. Bohra Enterprises, Gondia(5307407.64)									
	Justified Amount: Rs	6714926.79							
	% below justified amount				14.72		20.96		10.61

Signature Not Verified

Digitally signed by JOSHUA KINDO

Date: 2021.05.13 12:30:58 IST

Location: eProcurement System for Central PSUs

