

Government eProcurement System Created By: PADMA P Created Date/Time: 25-Jan-2021 01:02 PM Tender Title: Provision of UVGI for Centralized Air conditioning System at Calicut International Airport Tender ID: 2020_AAI_64452_1
Tender Inviting Authority: Asst. General Manager (E-E) - II
Name of Work: ARMO of E&M Installations at Calicut International Airport for the year 2020- 21. SH:Provision of UVGI for Centralised Air c
Ref No: AAI/CL/Engg(E)/NIT 09/2020-21/

SCHEDULE OF WORK / ITEM(S)								
Sl.No	Description of Work / Item(s)	No.of Qty	Units	Estimated Rate	Blue Star Limited(GSTN-32AAACB4487D1Z1)		Voltas Limited(GSTN-NA)	
					Rate	Amount	Rate	Amount
1.00	SITC of UVGI lamp system suitable for continuous operation having UV-C band having wavelength of 254+/-1nm and irradiation intensity of min 4016microwatts/sq.cm for germicidal irradiation of the entire AHU cooling coil face area along with all supporting structures, power and control panel, cabling ,earthing ,safety provisions etc as per the detailed technical specifications for AHU details specified hereunder complete as required. 1.A) 7000CFM	3.00	JOB		32580.00	97740.00	74980.00	224940.00
2.00	SITC of UVGI lamp system suitable for continuous operation having UV-C band having wavelength of 254+/-1nm and irradiation intensity of min 4016microwatts/sq.cm for germicidal irradiation of the entire AHU cooling coil face area along with all supporting structures, power and control panel, cabling ,earthing ,safety provisions etc as per the detailed technical specifications for AHU details specified hereunder complete as required. 1.B) 10000CFM	4.00	JOB		35630.00	142520.00	74980.00	299920.00

L1 Amount	L1 Vendor
97740.00	Blue Star Limited
142520.00	Blue Star Limited

3.00	SITC of UVGI lamp system suitable for continuous operation having UV-C band having wavelength of 254+/-1nm and irradiation intensity of min 4016microwatts/sq.cm for germicidal irradiation of the entire AHU cooling coil face area along with all supporting structures, power and control panel, cabling ,earthing ,safety provisions etc as per the detailed technical specifications for AHU details specified hereunder complete as required. 1.C) 11000CFM	4.00	JOB
4.00	SITC of UVGI lamp system suitable for continuous operation having UV-C band having wavelength of 254+/-1nm and irradiation intensity of min 4016microwatts/sq.cm for germicidal irradiation of the entire AHU cooling coil face area along with all supporting structures, power and control panel, cabling ,earthing ,safety provisions etc as per the detailed technical specifications for AHU details specified hereunder complete as required. 1. D) 12000CFM	3.00	JOB
5.00	SITC of UVGI lamp system suitable for continuous operation having UV-C band having wavelength of 254+/-1nm and irradiation intensity of min 4016microwatts/sq.cm for germicidal irradiation of the entire AHU cooling coil face area along with all supporting structures, power and control panel, cabling ,earthing ,safety provisions etc as per the detailed technical specifications for AHU details specified hereunder complete as required. 1.E) 14000CFM	17.00	JOB
6.00	SITC of UVGI lamp system suitable for continuous operation having UV-C band having wavelength of 254+/-1nm and irradiation intensity of min 4016microwatts/sq.cm for germicidal irradiation of the entire AHU cooling coil face area along with all supporting structures, power and control panel, cabling ,earthing ,safety provisions etc as per the detailed technical specifications for AHU details specified hereunder complete as required. 1.F) 17000CFM	8.00	JOB

44170.00	176680.00	74980.00	299920.00
47830.00	143490.00	74980.00	224940.00
44170.00	750890.00	101970.00	1733490.00
66130.00	529040.00	117720.00	941760.00

176680.00	Blue Star Limited
143490.00	Blue Star Limited
750890.00	Blue Star Limited
529040.00	Blue Star Limited

7.00	SITC of UVGI lamp system suitable for continuous operation having UV-C band having wavelength of 254+/-1nm and irradiation intensity of min 4016microwatts/sq.cm for germicidal irradiation of the entire AHU cooling coil face area along with all supporting structures, power and control panel, cabling ,earthing ,safety provisions etc as per the detailed technical specifications for AHU details specified hereunder complete as required. 1.G) 18000CFM	1.00	JOB
8.00	SITC of UVGI lamp system suitable for continuous operation having UV-C band having wavelength of 254+/-1nm and irradiation intensity of min 4016microwatts/sq.cm for germicidal irradiation of the entire AHU cooling coil face area along with all supporting structures, power and control panel, cabling ,earthing ,safety provisions etc as per the detailed technical specifications for AHU details specified hereunder complete as required. 1.H) 19000CFM	3.00	JOB
9.00	SITC of UVGI lamp system suitable for continuous operation having UV-C band having wavelength of 254+/-1nm and irradiation intensity of min 4016microwatts/sq.cm for germicidal irradiation of the entire AHU cooling coil face area along with all supporting structures, power and control panel, cabling ,earthing ,safety provisions etc as per the detailed technical specifications for AHU details specified hereunder complete as required. 1.I) 20000CFM	1.00	JOB
10.00	SITC of UVGI lamp system suitable for continuous operation having UV-C band having wavelength of 254+/-1nm and irradiation intensity of min 4016microwatts/sq.cm for germicidal irradiation of the entire AHU cooling coil face area along with all supporting structures, power and control panel, cabling ,earthing ,safety provisions etc as per the detailed technical specifications for AHU details specified hereunder complete as required. 1.J) 21000CFM	1.00	JOB

66130.00	66130.00	105720.00	105720.00
66130.00	198390.00	105720.00	317160.00
66130.00	66130.00	117720.00	117720.00
77110.00	77110.00	105720.00	105720.00

66130.00	Blue Star Limited
198390.00	Blue Star Limited
66130.00	Blue Star Limited
77110.00	Blue Star Limited

11.00	SITC of UVGI lamp system suitable for continuous operation having UV-C band having wavelength of 254+/-1nm and irradiation intensity of min 4016microwatts/sq.cm for germicidal irradiation of the entire AHU cooling coil face area along with all supporting structures, power and control panel, cabling ,earthing ,safety provisions etc as per the detailed technical specifications for AHU details specified hereunder complete as required. 1.K) 23000CFM	8.00	JOB
12.00	SITC of UVGI lamp system suitable for continuous operation having UV-C band having wavelength of 254+/-1nm and irradiation intensity of min 4016microwatts/sq.cm for germicidal irradiation of the entire AHU cooling coil face area along with all supporting structures, power and control panel, cabling ,earthing ,safety provisions etc as per the detailed technical specifications for AHU details specified hereunder complete as required. 1.L) AHU 24000CFM	3.00	JOB
13.00	Comprehensive Maintenance of the UVGI system (of 56 AHUs as listed in SH 1) after defects liability period of one year including replacement of UVC lamps, consumables etc complete as required including performance evaluation of UVGI system by conducting suitable periodical testing at site / lab and submission of report. 2. A) First Year (After Defects Liability period)	1.00	JOB PER ANNUM
14.00	Comprehensive Maintenance of the UVGI system (of 56 AHUs as listed in SH 1) after defects liability period of one year including replacement of UVC lamps, consumables etc complete as required including performance evaluation of UVGI system by conducting suitable periodical testing at site / lab and submission of report. 2. B) Second Year (After Defects Liability period)	1.00	JOB PER ANNUM

77110.00	616880.00	160450.00	1283600.00
77110.00	231330.00	148460.00	445380.00
684400.00	684400.00	327000.00	327000.00
684400.00	684400.00	375000.00	375000.00

616880.00	Blue Star Limited
231330.00	Blue Star Limited
327000.00	Voltas Limited
375000.00	Voltas Limited

15.00	Comprehensive Maintenance of the UVGI system (of 56 AHUs as listed in SH 1) after defects liability period of one year including replacement of UVC lamps, consumables etc complete as required including performance evaluation of UVGI system by conducting suitable periodical testing at site / lab and submission of report. 2.C) Third Year (After Defects Liability period)	1.00	JOB PER ANNUM
16.00	Comprehensive Maintenance of the UVGI system (of 56 AHUs as listed in SH 1) after defects liability period of one year including replacement of UVC lamps, consumables etc complete as required including performance evaluation of UVGI system by conducting suitable periodical testing at site / lab and submission of report. 2.D) Fourth Year (After Defects Liability period)	1.00	JOB PER ANNUM
17.00	Comprehensive Maintenance of the UVGI system (of 56 AHUs as listed in SH 1) after defects liability period of one year including replacement of UVC lamps, consumables etc complete as required including performance evaluation of UVGI system by conducting suitable periodical testing at site / lab and submission of report. 2.E) Fifth Year (After Defects Liability period)	1.00	JOB PER ANNUM

684400.00	684400.00	450000.00	450000.00
684400.00	684400.00	475000.00	475000.00
684400.00	684400.00	545000.00	545000.00

450000.00	Voltas Limited
475000.00	Voltas Limited
545000.00	Voltas Limited

Total in Figures

6518330.00

8272270.00

Lowest Amount Quoted BY: Blue Star Limited(6518330.00)