

Government eProcurement System

Created By: Pramod Soni

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Tender Title: Proposal for Design, Supply, Installation, Testing and Commissioning of AOP Ultra Violet Germicidal Irradiation UVGI unit in existing AHUs at S V Airport, Raipur

Tender Inviting Authority: Sr. Manager (E-E), Airports Authority of India, S.V. Airport, Raipur

Name of Work: Proposal for Design, Supply, Installation, Testing and Commissioning of AOP - Ultra Violet Germicidal Irradiation (UVGI) unit in existing AHUs at S. V. Airport, Raipur.

Contract No: 2020_AAI_54448

SCHEDULE OF WORK / ITEM(S)

Sl.No	Description of Work / Item(s)	No.of Qty	Units	Anzen Projects Private Limited(GSTN-06AANCA5052C1ZZ)		Ensavior Technologies Private Limited(GSTN-NA)		Elite Air Techniques Pvt Ltd(GSTN-NA)		L1 Amount	L1 Vendor
				Rate	Amount	Rate	Amount	Rate	Amount		
1.00	Detail Design, Supply, Installation, testing and Commissioning of Ultra Violet Germicidal Irradiation (UVGI) in existing Air Handling Units (AHUs) with out affecting cubic feet per minute flow (CFM). Job includes complete design & submission of reports with adapting Advanced Oxidation Plasma (AOP) Cell and Ultra Violet Germicidal Irradiation technology, generating ultra violet rays and hydroxil ions to prevent airborne deacease transmission by infectious agents which may involves droplets by sneezing or coughing or are otherwise distributed into the air, the details of AHUs, Specifications with quantity of AOP cell units and Specifications with quantity of UVGIs are placed in tender documents (Total AHU 33 Nos.) including providing necessary modification, installtion, testing & commissioning of AOP-UVGI units (with 5 meter 3 core suitable size copper flexible cable for each unit) inside the AHUs/AHU planum/HVAC duct with the provision of control panel comprising of Electronic Ballast with high power factor of > 0.90, Run hour meter, Mains on indicator lamp, MCB or Disconnect Switch, indicator lamp for each UV lamp, complete etc as required. (Similar to Ensavior/ Aeropure, Myaire/ UVDI/ Honeywell/York / Philips / Sukrut / Alfaa UV or equivalent for UVGI & for AOP cell ultra fresh, air exchange solutions, elite air techniques,Ensavior, RGF, Myaire, Streilaire or equivalent *with no ozone forming certification for UV lamps and all electronics components used shall be UL listed, meeting the technical parameters mentioned in the tender documents and with prior approval of the Engineer-In-Charge.)	1.00	Job	2132500.00	2132500.00	1852000.00	1852000.00	2206771.00	2206771.00	1852000.00	Ensavior Technologies Private Limited

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M/g (Am.)

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				Rate	Amount	Rate	Amount	Rate	Amount		
2.00	Supply & laying following sizes Copper Armoured conductor XLPE insulated, PVC tape inner sheathed Cable for working voltage 1.1 KV grade & as per IS: 7098 (Part- I) 1988 with up to date ammendments, complete etc as required. 3 core X 2.5 Sqmm.	300.00	Meter	120.00	36000.00	100.00	30000.00	100.00	30000.00	30000.00	Elite Air Techniques Pvt Ltd, Ensavior Technologies Private Limited
3.00	Supplying and fixing suitable size GI box with modular plate and cover in front on surface or in recess, including providing and fixing 3 pin 5/6 A modular socket outlet and 5/6 A modular switch, connections etc. as required. DSR 1.31	33.00	Job	500.00	16500.00	321.00	10593.00	32.00	1056.00	1056.00	Elite Air Techniques Pvt Ltd
4.00	Supplying and fixing 6A, thee pin top on existing flexible wire. Havells Athena Plugs Top or equivalent.	33.00	Job	200.00	6600.00	90.00	2970.00	91.00	3003.00	2970.00	Ensavior Technologies Private Limited
5.00	Submission of air quality report from NABL certified lab with testing as per SS 554 (with upto date ammendment or equivalent) complete etc as required. Testing shall be done by collection of Plate sampling method for total microbial count in CFU/M3 in 8 hours, 12 sample in one day. (SGS Enviroinmental Services, Kolkata or any certified lab.)	1.00	Job	100000.00	100000.00	150000.00	150000.00	50000.00	50000.00	50000.00	Elite Air Techniques Pvt Ltd

Total in Figures

2291600.00

2045563.00

2290830.00

Lowest Amount Quoted BY: Ensavior Technologies Private Limited(2045563.00)

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BOQ Summary Details

Tender Title: Proposal for Design, Supply, Installation, Testing and Commissioning of AOP Ultra Violet Germicidal Irradiation UVGI unit in existing AHUs at S V Airport, Raipur
Tender ID: 2020_AAI_54448_1

Sheet Name	Sl.No	Bidder Name	Amount	Bid Rank
BoQ1	1	Ensavior Technologies Private Limited	2045563.00	L1
	2	Elite Air Techniques Pvt Ltd	2290830.00	L2
	3	Anzen Projects Private Limited	2291600.00	L3


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mgr (EE)


16/09/2020
Mgr (Fin.)