

Government eProcurement System

Created By: Pramod Soni

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Tender Title: Proposal for Design, Supply, Installation, Testing and Commissioning of on grid 1.5 Mega Watt (AC output) Solar Power Plant on CAPEX MODEL at S V Airport, Raipur

Tender ID: 2020_AAI_44053_1

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 on grid 1.5 Mega Watt (AC output) Solar Power Plant

Contract No: 2020_AAI_44053

SCHEDULE OF WORK / ITEM(S)												
SI.No	Description of Work / Item(s)	No.of Qty	Units	Estimated Rate	Eastern Light and Power Private Limited(GSTN-NA)		CENTRAL ELECTRONICS LIMITED(GSTN-NA)		NATSAKEE INCORPORATION(GSTN-NA)		JAKSON LIMITED(GSTN-NA)	
					Rate	Amount	Rate	Amount	Rate	Amount	Rate	Amount
1.00	Design, Supply, Installation, testing and Commissioning of Grid Connected ground mounted 1.5 MW (AC output) Solar PV modules power supply system complete as required as per site condition including Structural support systems, Power Conditioning Units, String Monitoring Units, meters ,lightning and earthing protection arrangements, solar system cables, HT evacuation & injection through step up transformers of output voltage level of 33KV , HT VCB Panels, HT Cables, Auxiliary & Control Supply System, AC Distribution boards along with switchgear & control gear & SCADA room along with Air Conditioning, Fire Detection & Alarm System, Internal & External Lighting, CCTV provision, Fire & Life Safety Items, AC & DC Power Cables, communication and control cables ,HT & LT Power Cables including Plant Solar Radiation & Environment Monitoring System, surge protection system, lightning protection system and Complete SCADA (with local, remote and anywhere monitoring facility using web connection) along with software and hardware as well as water cleaning system I/C required size of prefabricated / RCC HT,LT panel ,inverter and SCADA room with RCC flooring along with necessary civil works as per the Technical specifications & Conditions of contract enclosed from the date of commissioning and completion of the project and handing over the Solar PV System to AAI with 02 Years defect liability period I/C providing necessary manpower for operation and maintenance(for a period of two years) without any extra cost.	1.00	Job	72836485.00	64511893.00	64511893.00	72768537.46	72768537.46	65500000.00	65500000.00	67995753.00	67995753.00
2.00	All inclusive Comprehensive Maintenance and operation for the above installed Complete Solar Photovoltaic Power Plant as mentioned in item no-01 upto injection point which includes & comprise of installed Solar PV modules, Structural support systems, Power Conditioning Units, String Monitoring Units, meters ,lightning and earthing protection arrangements, solar system cables, HT evacuation & injection step up transformers of output voltage level of 33KV , HT VCB Panels, HT Cables, Auxiliary & Control Supply System, AC Distribution boards along with switchgear & control gear & SCADA room along with Air Conditioning, Fire Detection & Alarm System, Internal & External Lighting, Fire & Life Safety Items, AC & DC Power Cables, communication and control cables ,HT & LT Power Cables including Plant Solar Radiation & Environment Monitoring System, surge protection system, lightning protection system and Complete SCADA along with software and hardware as well as water cleaning system as per the Technical specifications & Conditions of contract enclosed from the date of commissioning and completion of the project and handing over the Solar PV System to AAI.											
3.00	1st Year after DLP	1.00	Job	600000.00	470448.00	470448.00	752400.00	752400.00	525000.00	525000.00	895225.00	895225.00
4.00	2nd Year after DLP	1.00	Job	630000.00	493970.40	493970.40	772200.00	772200.00	540000.00	540000.00	922081.00	922081.00
5.00	3rd Year after DLP	1.00	Job	661500.00	518668.92	518668.92	792000.00	792000.00	555000.00	555000.00	949744.00	949744.00
6.00	4th Year after DLP	1.00	Job	694575.00	544602.37	544602.37	811800.00	811800.00	575000.00	575000.00	978236.00	978236.00
7.00	5th Year after DLP	1.00	Job	729304.00	571832.48	571832.48	871200.00	871200.00	595000.00	595000.00	1007583.00	1007583.00
8.00	6th Year after DLP	1.00	Job	765769.00	600424.11	600424.11	910800.00	910800.00	615000.00	615000.00	1037811.00	1037811.00
9.00	7th Year after DLP	1.00	Job	804057.00	630445.31	630445.31	950400.00	950400.00	635000.00	635000.00	1068945.00	1068945.00
10.00	8th Year after DLP	1.00	Job	844260.00	661967.58	661967.58	990000.00	990000.00	660000.00	660000.00	1101013.00	1101013.00

Total in Figures

69004252.17

79619337.46

70200000.00

75956391.00

Lowest Amount Quoted BY: ADDWATT POWER SOLUTIONS PRIVATE LIMITED(64700000.00)

