

No: AAI/RHQ-SR/ENGG/SM (E-E)/WO-02/Pondy/22-23/22

Date: 10.10.2022

M/s. V.K. Sam Engineering,
No.5, Rajiv Gandhi Nagar,
Ekkaduthangal,
Chennai - 600 032.

Name of Work: Replacement of APFC Panels at Puducherry Airport.

REF: 1. AAI E-Bid No: 2022_AAI_126968
2. Tender (Price Bid) opened: 26.09.2022

Dear Sirs,

1. Your tender for the above mentioned is hereby accepted by the Competent Authority on behalf of the Chairman, Airports Authority of India, at the item rates quoted by you totaling to **Rs. 19,68,650/- (Rupees Nineteen Lakhs Sixty Eight Thousand Six Hundred and Fifty Only)** (Excl. GST) which is 11.68% below the estimated cost put to tender of **Rs. 22,29,012/-** (Excl. GST).
2. Senior Manager Engg (E-E), AAI, New Operational Office, Southern Region, Chennai Airport, Chennai Shall be Engineer – in – charge of the work. You are requested to attend this office by **20.10.2022** to sign and complete the contract agreement. The contract Agreement shall be executed on a non-judicial stamp paper of value Rs.100/- (Rupees One Hundred only). The cost of the stamp paper shall be borne by you.
3. Please Deposit **Rs. 1,96,865/- (Rupees One Lakh Ninety Six Thousand Eight Hundred and Sixty Five Only)** towards Security Deposit within 10 days from the date of issue of this letter, failing which, the same will be deducted from your running bills as per the Clause of 1-A of Clauses of Contract.
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.

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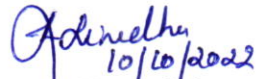
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5. You are also directed to contact Asst. Manager (Engg-E), AAI, Puducherry Airport immediately who will arrange to hand over the site.
6. Please note that the time allowed for carrying out the work shall be **03 (Three) Months** which shall be reckoned from 20.10.2022.
7. Any further correspondence in connection with the contract should normally be addressed to the Senior Manager Engg (E), AAI, New Operational Office, Southern Region, Chennai Airport.
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.

Thanking you,

Encl: 1) Schedule of Quantities – Schedule 'A'

Yours faithfully,


10/10/2022
Senior Manager Engg (E)
AAI, RHQ-SR, Chennai Airport

SCHEDULE OF WORK**Name of Work: Replacement of APFC Panels at Puducherry Airport.**

S.No.	Description of Item	Qty	Unit	Rate (Rs.) (without GST)	Amount (Rs.) (without GST)
1.00	Fabrication, S.I.T.C of APFC MV Panel of depth not less than 900 mm made of 14 SWG CRCA sheet steel, dust tight, vermin proof, totally enclosed, cubicle type, mountable on angle frame support, suitable for indoor operation at 433 V, 3 phase, 4 wire, 50 Hz, A.C. system complete with all accessories, interconnection, connection, termination of interconnecting flexi-wires with suitable copper lugs, earthing, painting etc. as required and comprising of following:				
(a)	One No. 630 A, 50 KA, 4P MCCB as Incomer with Over Load, Short Circuit and in built Earth Fault Protection (Microprocessor Based Release), C.T.operated Digital Meter [EM6400 of Conserve/Equivalent], ON/OFF/TRIP Indication and Phase Indication Lamps of appropriate Voltate Rating.				
(b)	One No 12 Steps APFC Relay with VA Sensors of (1200/5) Amps Resin Cast CT at appropriate Transformer's Secondary Circuit i/c supplying, laying/fixing of 7C X 2.5 Sq.mm. PVC insulated PVC sheatherd armoured, copper conductor Control Cabling from Transformer Secondary to APFC Panel (for length up-to 20 Mtr), providing Auto/Manual Facility as required.				
(c)	Two Nos. Cooling Fan suitable for 230 V, 1 Ph. Operation.				
(d)	Four Nos. of each 50 KVAR, 3 Ph., Delta Connected Super Heavy Duty, MPP Capacitor with Al. Round Enclosure of Voltage Rating 480 V (Minimum) with Copper Wound 7% Detuned Reactors, Capacitor Duty Contactors, 200 A 3P, 36 KA, TMR MCCBs, 50 sqmm Interconnecting PVC Insulated FR Copper Flexi-Wires, Push Button, ON/OFF Indication Lamps.				
(e)	Three Nos. of each 25 KVAR, 3 Ph., Delta Connected Super Heavy Duty, MPP Capacitor with Al. Round Enclosure of Voltage Rating 480 V (Minimum) with Copper Wound 7% Detuned Reactors, Capacitor Duty Contactors, 100 A 3P, 36 KA, TMR MCCBs, 25 sqmm Interconnecting PVC Insulated FR Copper Flexi-Wires, Push Button, ON/OFF Indication Lamps.				
(f)	Two Nos. of each 10 KVAR, 3 Ph., Delta Connected Super Heavy Duty, MPP Capacitor with Al. Round Enclosure of Voltage Rating 480 V (Minimum) with Copper Wound 7% Detuned Reactors, Capacitor Duty Contactors, 63 A, 3P, 15 KA, MCBs, 10 sqmm Interconnecting PVC Insulated FR Copper Flexi-Wires, Push Button, ON/OFF Indication Lamps.				



S.No.	Description of Item	Qty	Unit	Rate (Rs.) (without GST)	Amount (Rs.) (without GST)
(g)	One No. 5 KVAR, 3 Ph., Delta Connected Super Heavy Duty, MPP Capacitor with Al. Round Enclosure of Voltage Rating 480 V (Min.) with Copper Wound 7% Detuned Reactors, Capacitor Duty Contactors, 40 A, 3P, 15 KA, MCBs, 10 sqmm Interconnecting PVC Insulated FR Copper Flexi-Wires, Push Button, ON/OFF Indication Lamps.				
(h)	One set of busbars of 800 Amps capacity with at par neutral.				
(i)	Two Empty Cubicle each to accommodate 25 KVAR Capacitor, 7% Detuned Reactors, Capacitor Duty Contactor, MCCB, Push Button, ON/OFF Indication Lamps (ONLY CUBICLE / No Switch Gear)				
(j)	All accessories such as fuses, auxillary contactors, auxillary switches/MCBs etc., as required.				
(k)	ALL AS ABOVE 1 (A) To 1 (J)	2	Jobs	825000.00	1650000.00
2.00	Supply of following size XLPE insulated PVC sheathed aluminium conductor armoured power cable of 1.1KV grade conforming to IS 7098 (PART-I) with upto date amendments as required.				
(a)	3.5 X 400 SQ.MM	100	Mtr	1485.00	148500.00
3.00	Providing and fixing following rating and breaking capacity of MCCB with thermomagnetic releases and terminal spreads in existing cubical panel board including drilling hole in cubicle panel breaking connection and dismantaling of existing MCCB in the panel etc, as required. (i) 630 A 36 KA	2	Each	39000	78000.00
4.00	Supply of nominal 2.0 mm thick (Width 1 Mtr) PVC synthetic, electric insulated mats conforming to IS 15652-2006 having Dielectric strength of 45 KV, no adverse effect of mineral oil, high insulation resistance (Minimum 1,00,000 M Ω on wet condition with 5 KV meggar) etc., as reqd.	10	Sq.Mtr	750	7500.00
5.00	Fixing of nominal 2.5/2.0 mm (Width 1 Mtr) thick PVC synthetic, electric insulated mats conforming to IS 15652-2006 along with suitable adhensive/chemibond, i/c providing water proofing of floor, (chipping of floor if required) sealing of all joints etc., as reqd.	10	Sq.Mtr	75	750.00
6.00	Laying and fixing of one number PVC insulated and PVC sheathed/XLPE power cable of 1.1 KV grade of following size on wall surface as required.				
(a)	Above 185 sq. mm and upto 400 sq. mm (clamped with 40x3mm MS flat clamp)	10	Mtr	120	1200.00

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S.No.	Description of Item	Qty	Unit	Rate (Rs.) (without GST)	Amount (Rs.) (without GST)
7.00	Laying of one number PVC insulated and PVC sheathed/XLPE power cable of 1.1 KV grade of following size in the existing masonry open duct as required.				
(a)	Above 185 sq. mm and upto 400 sq. mm	80	Mtr	90	7200.00
8.00	Supplying and making indoor end termination with brass compression gland and aluminium lugs for following size of PVC insulated and PVC sheathed/XLPE aluminium conductor cable of 1.1 KV grade as required.				
(a)	3.5 X 400 SQ.MM	4	Each	1350	5400.00
9.00	Earthing with G.I. earth plate 600 mm X 600 mm X 6 mm thick including accessories, and providing masonry enclosure with cover plate having locking arrangement and watering pipe of 2.7 metre long etc. with charcoal/ coke and salt as required	4	Set	6750	27000.00
10.00	Supplying and laying 25 mm X 5 mm G.I strip at 0.50 metre below ground as strip earth electrode, including connection/ terminating with G.I. nut, bolt, spring, washer etc. as required. (Jointing shall be done by overlapping and with 2 sets of G.I. nut bolt & spring washer spaced at 50mm)	20	Mtr	265	5300.00
11.00	Providing and fixing 25 mm X 5 mm G.I. strip in 40 mm dia G.I. pipe from earth electrode including connection with G.I. nut, bolt, spring, washer excavation and re-filling etc. as required	20	Mtr	675	13500.00
12.00	Providing and fixing 25 mm X 5 mm G.I. strip on surface or in recess for connections etc. as required	20	Mtr	265	5300.00
13.00	Retrievel of one number PVC/XLPE insulated and PVC sheathed power cable of 1.1KV grade of size upto 400 Sqmm from existing masonry Open Trench etc.. as required.	2	Jobs	3500	7000.00
14.00	Dismantling of existing APFC Panels by providing Labour and hire charge for deploying crane upto 10 tons i/c operator for lifting/shifting of panel ect as required.	2	Jobs	6000	12000.00
Total Amount of Rs.					1968650.00

**(Rupees Nineteen Lakhs Sixty Eight Thousand Six Hundred and Fifty Only)
Plus Applicable GST**

Opdendhu
10/10/2022
Senior Manager Engg(E)
AAI, RHQ, SR, Chennai.