



भारतीय विमानपत्तन प्राधिकरण AIRPORTS AUTHORITY OF INDIA

संदर्भ सं. भाविप्रा/बीओ/उप.महा.प्र.(ईजी-विधुत)/यूपीएसजीएलएफ/डब्ल्यू-03/2020-2021/249
Ref. No.: AAI/BO/DGM(E-E)/UPS GLF/W-03/2020-2021

दिनांक: 17.09.2020

DATE: 17.09.2020

By Speed Post / By E-mail

सेवा में,
मेसर्स गायत्री इलेक्ट्रिकल
302, द्वारकेश एपार्टमेंट,
लक्ष्मी हॉल के पीछे, सर्किट हाउस के सामने,
आरसी दत्त रोड, न्यू अलकापुरी,
वडोदरा - 390 005.

To,
M/s. Gayatri Electrical,
302, Dwarkesh Appartment,
B/h. Laxmi Hall, Opp.Circuit House,
R.C Dutt Road, New Alkapuri,
Vadodara - 390 005.

कार्य का नाम : वडोदरा हवाई अड्डे पर GLF प्रणाली के लिए यूपीएस का प्रावधान करना ।

Name of Work : Provision of UPS for GLF system at Vadodara Airport.(टेंडर आइडी:2020_AAI_51965_1)

महोदय,

- कृपया उपरोक्त टेंडर आई.डी. से संबंधित आपके टेंडर का अवलोकन करें।
- Kindly refer your tender submission i.r.o above tender I.D.
- उपरोक्त उल्लिखित कार्य हेतु आपका टेंडर अध्यक्ष, भारतीय विमानपत्तन प्राधिकरण की ओर से स्वीकृत किया जाता है । आपके द्वारा बताए आइटम मूल्यों पर आपका टेंडर कुल रु. 35,96,925/- (रुपये पैंतीस लाख छियानबे हजार नौ सौ पच्चीस मात्र) (जी.एस.टी रहित) है, जो कि टेंडरकी अनुमानित राशि रु.48,57,123/- (जी.एस.टी रहित) से 25.94 % कम है। वास्तविक के अनुसार GST का भुगतान किया जाएगा । भारतीय विमानपत्तन प्राधिकरण का गुजरात राज्य के लिए GST संख्या : 24AAACA6412D1ZE है ।
- Your Tender for the above work mentioned above is hereby accepted on behalf of the chairman, Airports Authority of India at the item rates quoted by you totaling to Rs. 35,96,925/- (Rupees Thirty Five Lakh Ninety Six Thousand Nine Hundread Twenty Five only) (Excluding GST), which is 25.94 % below than the estimated cost Rs. 48,57,123/- (Excluding GST). GST shall be paid as per actual. The GST No. of Airports Authority of India for Gujarat State is 24AAACA6412D1ZE.
- उपमहाप्रबंधक (अभि-विधुत), भारतीय विमानपत्तन प्राधिकरण, वडोदरा एयरपोर्ट, वडोदरा कार्य के प्रभारी अभियंता होंगे। आपसे निवेदन है कि अपनी ओर से एक विश्वसनीय प्रतिनिधि नियुक्त करें जो करारनामे पर हस्ताक्षर करने तथा उसे पूरा करने के लिए दिनांक 11.10.2020 तक उपमहाप्रबंधक (अभि-विधुत) भारतीय विमानपत्तन प्राधिकरण, वडोदरा एयरपोर्ट, वडोदरा के कार्यालय में उपस्थित हो। ठेके का करारनामा ₹ 100/- के नॉनजुडीशियल स्टैम्प पेपर पर निष्पादित किया जाएगा, तथा स्टैम्प पेपर का खर्च आपके द्वारा उठाया जायेगा ।

Cont.page:- 2/-

नागर विमानक्षेत्र वडोदरा /Civil Aerodrome, Vadodara

दूरभाष/Phone: 0265-2485356 , फैक्स/Fax:0265-2464249 ई-मेल/E-Mail: apdvadodara@aai.aero



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3. Dy.Gen. Manager (Engg-E), Airports Authority of India, Vadodara Airport, Vadodara shall be the Engineer-in-Charge of the work. You are requested to depute your accredited representative, empowered to sign the contract agreement on your behalf to attend the office of the Dy.Gen. Manager (Engg-E), Airports Authority of India, Vadodara Airport, Vadodara by 11.10.2020 to sign and complete the contract agreement. The contract agreement shall be executed on a non - judicial stamp paper of value ₹ 100/- and the cost of the stamp paper shall be borne by you.
4. आपके टेंडर के साथ प्राप्त धरोहर राशि ₹97,142/- (रुपये सत्तानवे हजार एक सौ बयालीस मात्र) ठेके के सिक्यूरिटी डिपोजिट के भाग में बदल दी गई है। कृपया इस पत्र के जारी होने के 15 दिनों के भीतर निविदा की सामान्य शर्तों पृष्ठ संख्या GCC-129 के Schedule -E, para (iii) के अनुसार सिक्यूरिटी डिपोजिट के लिए राशि ₹ 2,62,551/- (रुपये दो लाख बासठ हजार पाँच सौ एक्यावन मात्र) केवल जमा कर दे, अन्यथा निविदा के पृष्ठ एससीसी - 8 पर दी शर्त clause 33 के अनुसार इतनी ही राशि आपके रनिंग बिलो से काट ली जाएगी।
4. The earnest money amount of ₹97,142/-(Rupee Ninety Seven Thousand One Hundred Forty Two only) received alongwith your tender has been converted as part of security deposit, please deposit ₹2,62,551/-(Rupee Two Lakh Sixty Two Thousand Five Hundred Fifty One only) towards security deposit as per Schedule -E para (iii) on page GCC-129 of tender document within 15 days from the date of issue of this letter, failing which the same will be deducted from your running bill as per clause 33 on page SCC - 8 of the tender document.
5. आपसे निवेदन है कि आप केन्द्रीय और राज्य सरकारों के 1970 के अधिनियम अनुबंध श्रम नियम तथा उन्मूलन तथा 1971 के कन्द्रीय नियम तथा उन्मूलन एवं न्यूनतम वेतन अधिनियम और नियम के प्रावधानों का अनुपालन करें।
5. You are requested to comply with the provision of contract labour (Regulation and abolition) Act of 1970 and contract labour (Regulation and abolition) Central rules 1971 and minimum wages Act & rules thereof central and state Governments.
6. आपको निर्देश दिया जाता है कि आप तुरंत सहायक महाप्रबंधक (अभि-विधुत), भारतीय विमानपत्तन प्राधिकरण, वडोदरा एयरपोर्ट, वडोदरा से संपर्क करें, आपको साइट सोपने कि व्यवस्था करेंगे। कृपया नोट करले कि काम करने का अनुमत समय **04 महीने (चार महीने)** है जोकि इस कार्य आदेश के जारी होने के दसवे दिन से गिना जाएगा।
6. You are also directed to contact AGM (Engg-E), Airports Authority of India, Vadodara Airport, Vadodara immediately who will arrange to hand over the site to you. Please note that the time allowed for carrying out the work is **04 Months (Four Months)** which shall be reckoned from the 10th day of issue of this work order.

Cont.page:- 3/-

नागर विमानक्षेत्र वडोदरा /Civil Aerodrome, Vadodara

दूरभाष/Phone: 0265-2485356 , फैक्स/Fax:0265-2464249 ई-मेल/E-Mail: apdvadodara@aai.aero



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7. ठेकेदार द्वारा किसी सुरक्षा विनियमों का उलंघन करते पाये जाने पर उसे ब्लैक लिस्टेड कर दिया जाएगा और अन्य कानूनी कार्यवाही की जाएगी।
7. If Contractor is found to violate any of security regulations, he shall be black listed and will be subjected to other legal proceedings.
8. इस ठेके के संबंध में आगे का कोई भी पत्राचार उपमहाप्रबंधक (ईजी-विधुत), भाविप्रा, वडोदरा एयरपोर्ट, वडोदरा -390022 के पते पर किया जाए।
8. Any further correspondences in connection with the contract should normally be addressed to the Dy. Gen.Manager (Engg-E), AAI, Vadodara Airport, Vadodara -390022.
9. उपरोक्त कार्य के लिए त्रुटि दायित्व की अवधि संविदा खण्ड के पृष्ठ SCC-8 Clause 33 के अनुसार 12 माह होगी जो कार्य के प्रमाणित समाप्ति के दिन से गिनी जाएगी।
9. The defects liability period for the above-mentioned work shall be as per special condition of contract Clause 33 of page No.SCC-8, i.e Defect Liability period will be 12 months from the certified date of completion work.
10. उपरोक्त हिन्दी एवं अंग्रेजी के पाठ्य में मतभेद होने पर अंग्रेजी लिपि में लिखित पाठ्य मान्य होगा।
10. In case of discrepancy in Hindi and English text then English text will be taken as correct.
11. कृपया पावती भेजे।
11. Please acknowledge the receipts.

धन्यवाद / Thanking you,

संलग्नक: Schedule of Quantity

भवदीप / Yours Faithfully,


17/09/2020

(आर. बी एस कुशवाहा)

(R.B S Kushwaha)

उपमहाप्रबंधक (अभि.-विधुत)

Dy. General Manager (Engg-E)

कृते तथा ओर से अध्यक्ष

For and on behalf of chairman,

भारतीय विमानपत्तन प्राधिकरण, वडोदरा एयरपोर्ट.
Airports Authority of India, Vadodara Airport.

नागर विमानक्षेत्र वडोदरा / Civil Aerodrome, Vadodara

दूरभाष/Phone: 0265-2485356, फैक्स/Fax: 0265-2464249 ई-मेल/E-Mail: apdvadodara@aai.aero

SCHEDULE OF QUANTITY

Name of Work : - Provision of UPS for GLF System at Vadodara Airport

Tender ID: 2020 AAI 51965 1

Sr. no	Description of work	Unit	Qty	Rate (Rs.)	Amount (Rs.)
1	Supply, Installation, Testing & Commissioning (SITC) of 2x120KVA online UPS, 3 Phase input, 3 Phase output PWM IGBT based online double conversion type with inbuilt isolation transformer suitable to drive constant current regulators (CCR) with 100% unbalanced load at output at full load condition with standard features like 100% rated static bypass, maintenance bypass facilities active input power factor correction, phase sequence corrector, pure sinewave output, compatibility of generator supply, user friendly LCD display and run in load sharing mode, battery management features integrated with main UPS controller, operating condition 400V $\pm 15\%$, 3 phase 50 Hz AC supply, IP 20 capable of running at 100% load delivering 2 phase/single phase load with 3 phase of output and as per the enclosed technical specification along with the following complete as required: (a) Supply, Installation, Testing & Commissioning (SITC) of two battery bank Sets (for 2 UPS) 12 V & minimum 124800 VAH per UPS for 30 minute backup from each UPS i/c suitable rating battery circuit breakers, interconnection between the batteries cabling by copper conductor between battery bank and UPS, glanding & termination along with battery rack. There should be provision for common battery bank.	Job	1	1555000.00	1555000.00
2	SITC of Dust & vermin proof Indoor type double door Floor Mounted panel of suitable size on angel iron frame/ flate iron frame work and to withstand rough usage. The panel shall be fabricated as per IEC 61439 with 14 SWG MS sheet complete with all accessories suitable angle/ channels frame, gland plates, painting etc. including supplying and fixing of following accessories and making inter connection, earth connection, neutral link, etc.as per the drawing and site requirement. [UPS Incomer Panel] Incomer : - 630A, MCCB, 4P, 35-37 KA (Icu= 100% Ics) with extended rotary handle and spreaders - 01 Nos. > Multi function meter (Shows Voltage, Current & Frequency) with 3 line LCD Display of size 96 x 96 mm. - 01 Nos. > Indication Lamp R, Y & B (LED Type) -01 set Outgoing : - 400A, MCCB, 4P, 35-37 KA (Icu= 100% Ics) with extended rotary handle and spreaders - 02 Nos. > Indication Lamp R & G (LED type) - 02 Set Other : - 800A Aluminium busbar, 3 Phase & Neutral > Necessary CT & Control wiring arrangement > Power terminal and other accessories	Each	1	248400.00	248400.00

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Sr. no	Description of work	Unit	Qty	Rate (Rs.)	Amount (Rs.)
	>Three Phase Surge Protection Device (SPD) having nominal discharge current (L-N/N-PE) =25 /100 kA (8/20 us) Lightning impulse current (L1 + L2 + L3 + N -PE=100kA (10/350 us) & (L-N / N-PE = 25/100 kA) with voltage protection level <=1.5 kV (L-N/N-PE) including all accessories for installing on the mains power entry point at the busbar shall be of modular type. [Make:-DEHN Model No. DV M TT 255 FM (951 315) or equivalent approved make] - 01 No.				
3	SITC of Dust & vermin proof Indoor type double door Floor Mounted panel of suitable size on angel iron frame/ flate iron frame work and to withstand rough usage. The panel shall be fabricated as per IEC 61439 with 14 SWG MS sheet complete with all accessories suitable angle/ channels frame, gland plates, painting etc. including supplying and fixing of following accessories and making inter connection, earth connection, neutral link, etc.as per the drawing and site requirement. [UPS Outgoing Panel] Incomer : > 400A, MCCB, 4P, 35-37 KA (Icu= 100% Ics) with extended rotary handle and spreaders - 02 Nos. > Multi function meter (Shows Voltage, Current & Frequency) with 3 line LCD Display of size 96 x 96 mm. - 02 Nos. > Indication Lamp R, Y & B (LED Type) -02 set Outgoing : > 400A, MCCB, 4P, 35 KA (Icu= 100% Ics) with extended rotary handle - 01 Nos. >Indication Lamp R & G (LED type) - 01 Set Other : > 600A Aluminium busbar, 3 Phase & Neutral > Necessary CT & Control wiring arrangement > Power terminal and other accessories	Each	1	226200.00	226200.00
4	SITC of Dust & vermin proof Indoor type double door Floor Mounted panel of suitable size on angel iron frame/ flate iron frame work and to withstand rough usage. The panel shall be fabricated as per IEC 61439 with 14 SWG MS sheet complete with all accessories suitable angle/ channels frame, gland plates, painting etc. including supplying and fixing of following accessories and making inter connection, earth connection, neutral link, etc.as per the drawing and site requirement. [[CCR Panel] Incomer : > 400A, MCCB, 4P, 35-37 KA (Icu= 100% Ics) with extended rotary handle and spreaders - 02 Nos. > Multi function meter (Shows Voltage, Current & Frequency) with 3 line LCD Display of size 96 x 96 mm. - 02 Nos. > Indication Lamp R, Y & B (LED Type) -02 set > Mechanical key lock (2 Lock + 1 Key) Outgoing : > 125A, MCCB, 4P, 35 KA (Icu= 100% Ics) with extended rotary handle - 03 Nos. >100A, MCCB, 4P, 35 KA (Icu= 100% Ics) with extended rotary handle - 09 Nos. > 63A, MCCB, 4P, 35 KA (Icu= 100% Ics) with extended rotary handle - 07 Nos. > Indication Lamp R & G (LED type) - 19 Set	Each	1	573000.00	573000.00

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Sr. no	Description of work	Unit	Qty	Rate (Rs.)	Amount (Rs.)
	Other : > 600A Aluminium busbar, 3 Phase & Neutral > Necessary CT & Control wiring arrangement > Power terminal and other accessories				
5	Supply of following sizes of 1.1 KV grade, XLPE insulated, PVC sheathed, armoured, aluminium conductor power cable confirms to IS 7098:1988 (Part -1) with up to date amendments etc complete as required a) 4 x 25 sqmm	Mtrs.	250	230.00	57500.00
6	Supply of following sizes of 1.1 KV grade, PVC insulated, Unsheathed, Un-armoured, Copper conductor power cable confirms to IS 694:1990 with up to date amendments etc complete as required a) 1 core 95 Sq.mm	Mtrs.	200	730.00	146000.00
7	Supply of PVC/XLPE insulated and PVC sheathed Copper conductor armoured control cable of 1.1 KV grade conforming to IS : 7098 :1988 (Par : -I) with upto date amendments etc.,as required.of following sizes : a) 7 core 2.5 Sqmm	Mtrs.	250	245.00	61250.00
8	Laying of one number PVC insulated and PVC sheathed / XLPE power cable of 1.1 KV grade of following size in masonry open duct/ Cable Tray etc. as required. a) Above 185 Sq. mm and up to 400 Sq. mm	Mtrs.	50	80.00	4000.00
9	Laying of one number PVC insulated and PVC sheathed / XLPE power cable of 1.1 KV grade of following size in masonry open duct/ Cable Tray etc. as required. a) Above 35 sq. mm and upto 95 sq. mm	Mtrs.	60	40.00	2400.00
10	Laying of one number PVC insulated and PVC sheathed / XLPE power cable of 1.1 KV grade of following size in masonry open duct/ Cable Tray etc. as required. a) Upto 35 sqmm	Mtrs.	395	55.00	21725.00
11	Supplying and making 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 240 sqmm	Each	6	1450.00	8700.00
12	Supplying and making 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 95 sqmm	Each	6	900.00	5400.00
13	Supplying and making 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) 4 x 25 sqmm	Each	20	350.00	7000.00
14	Supplying and making end termination with brass compression gland and copper lugs with number ferruling etc. for following size of PVC insulated and PVC sheathed / XLPE copper control cable of 1 KV grade as required. a) 7 core 2.5 Sqmm	Set	26	325.00	8450.00

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Sr. no	Description of work	Unit	Qty	Rate (Rs.)	Amount (Rs.)
15	Supplying and making end termination with PVC gland and copper lugs for following size of PVC insulated and PVC sheathed / XLPE copper conductor cable of 1.1 KV grade as required. a) 1 core 95 Sq.mm	Set	32	325.00	10400.00
16	Supply & fixing of 1Mtr wide & 2MM Thick, ISI marked Electrical Insulating Mats Confirming to IS: 15652 / 2006, Working voltage upto 3.3 KV.	Sqm	30	1400.00	42000.00
17	SITC of control box with foldable door of stainless steel (SS304) of size 2 mtr x 1.0 mtr x depth minimum 200mm with steel din rail and din rail mounted Control cable connector -13 Nos of 6 core of mail/ female type (Make Phoenix PN3040300 or equivalent) . [Job included termination of 60 core control cable, number ferruling , dressing and terminating the cores with suitable length in male / female connector] .	Job	1	275000.00	275000.00
18	Shifting of CCR from CCR Room to near HT Room with stand, cables and accessories by disconnecting and reconnecting , termination of cables etc. as per site requirement.	Job	6	20000.00	120000.00
19	Modification of existing CCR MS stand by cutting, welding, painting with primer and two coats synthetic enamel, arrangement of nut bolt and making frame size upto 750mm x750mm from existing frame size 750mm x 1000mm etc. as per site requirement.	Job	2	25000.00	50000.00
20	Elevation of CCR MS stand by increasing the height of MS stand with new frame having size 750mm x 750mm by angle iron of size 50mm x 50mm x 5mm up to 1 feet by cutting, welding, painting with primer and two coats synthetic enamel, in CCR Room etc. as per site requirement.	Job	3	18000.00	54000.00
21	Elevation of LT Panels MS Stand by increasing the height of MS stand with new frame having size 260mm x 1180mm and 270mm x 1210mm by angle iron of size 50mm x 50mm x 5mm up to 1 feet in ATC Tower Switch Room by cutting, welding, painting etc. as per site requirement.	Job	1	28000.00	28000.00
22	Supplying and installing of 300 mm width x 50 mm depth x 1.6 mm thickness size of perforated painted with powder coating M.S. cable trays with perforation not more than 17.5%, in convenient sections, joined with connectors, suspended from the ceiling with M.S. suspenders including bolts & nuts, painting suspenders etc as required.	Mtrs.	60	750.00	45000.00
23	Supplying and installing of 150 mm width x 50 mm depth x 1.6 mm thickness size of perforated painted with powder coating M.S. cable trays with perforation not more than 17.5%, in convenient sections, joined with connectors, suspended from the ceiling with M.S. suspenders including bolts & nuts, painting suspenders etc as required.	Mtrs.	50	950.00	47500.00
TOTAL					3596925.00

(Rupees Thirty Five Lakh Ninety Six Thousand Nine Hundred Twenty Five Only)

Signature Not Verified

Digitally signed by RAVINDER SINGH MEHROK
Date: 2020.09.21 17:48:30 IST
Location: eProcurement System for Central PSUs



Ravi
17/09/2020
(R.B.S.Kushwaha)
DGM(E-E)
AAI,CA,Vadodara