

संदर्भ सं. भाविप्रा/बीओ/उप.महा.प्र.(ईजी-विधुत)/ATC_GLF/डब्ल्यू-14/2022-23/344
Ref. No.: AAI/BO/DGM(E-E)/ATC_GLF/W-14/2022-23

दिनांक: 02.11.2022
DATE: 02.11.2022

By Speed Post / By E-mail

सेवा में,
मेसर्स टेक्नो इलेक्ट्रिकल
2/65, उदय पार्क सोसाइटी,
रिफायनरी रोड, गोरवा,
वडोदरा - 16.

To,
M/s.Techno Electricals
2/65, Uday Park Society,
Refinery Road, Gorwa,
Vadodara - 16.

कार्य का नाम : वडोदरा हवाई अड्डे पर एटीसी टॉवर कम तकनीकी ब्लॉक का निर्माण (उपशीर्ष : एटीसी टॉवर कम तकनीकी ब्लॉक के पुराने पावर हाउस से नवनिर्मित सर्विस ब्लॉक में पूर्ण जीएलएफ सिस्टम का स्थानांतरण)

Name of Work : Construction of ATC Tower Cum Technical Block at Civil Aerodrome Vadodara.

SH: Shifting of complete GLF system from old power house to newly constructed service block of ATC Tower cum Technical Block)

Tender ID : 2022_AAI_126935_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.
- 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. **1,09,93,451/-** (रुपये एक करोड़ नौ लाख तिरानबे हजार चार सौ इक्यावन मात्र) (जी.एस.टी रहित) है, जो कि टेंडरकी अनुमानित राशि / न्योचित राशि रु. **1,52,15,088/-** (जी.एस.टी रहित) से 27.75 % 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 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. 1,09,93,451/- (Rupees One Crore Nine Lakh Ninety Three Thousand Four Hundred Fifty One only) (Excluding GST)**, which is **27.75 % below** than the estimated cost / Justified cost **Rs. 1,52,15,088/- (Excluding GST)**. **GST shall be paid as per actual.** The GST No.of Airports Authority of India for Gujrarat 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 **16.11.2022** 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।

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नागर विमानक्षेत्र वडोदरा /Civil Aerodrome, Vadodara

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

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 attend the office of the Dy.Gen. Manager (Engg-E), Airports Authority of India, Vadodara Airport, Vadodara by **16.11.2022** 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. 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 सिक्योरिटी डिपॉजिट के लिए राशि ₹ 10,99,345/- (रुपये दस लाख नित्यानबे हजार तीन सौ पैतालीस मात्र) केवल जमा कर दे, अन्यथा इतनी ही राशि आपके रनिंग बिलो से काट ली जाएगी।
4. Please deposit ₹ **10,99,345/- (Rupee Ten Lakh Ninety Nine Thousand Three Hundred Forty Five 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.
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 करे, जोकि आपको साइट सोपने कि व्यवस्था करेंगे। कृपया नोट करले कि काम करने का अनुमत समय **04 महीने (चार महीने)** है जोकि दिनांक **03.11.2022** के दिन से गिना जायेगा।
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 Dt.03.11.2022.
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.



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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 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 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.

संलग्नक: Schedule of Quantity

धन्यवाद / Thanking you,

भवदीप / Yours Faithfully,

— Sd —

(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.

प्रतिलिपि/ Copy To : (NOO)

1. महाप्रबंधक (अभि), भारतीय विमानपत्तन प्राधिकरण, आरएचक्यू, पश्चिम क्षेत्र, इंटीग्रेटेड प्रशासनिक भवन, पारसी वाड़ा के सामने, सहार रोड, विले पार्ले(पूर्व), मुंबई - 400 099.
General Manager (Engg), Airports Authority of India, RHQ, Western Region, Integrated Administrative Building, Opp. Parsiwada, Sahar Road, Vile Parle (E), Mumbai - 400099.
2. संयुक्त महाप्रबंधक(सतकर्ता), भारतीय विमानपत्तन प्राधिकरण, आरएचक्यू, पश्चिम क्षेत्र, इंटीग्रेटेड प्रशासनिक भवन, पारसी वाड़ा के सामने, सहार रोड, विले पार्ले(पूर्व), मुंबई - 400 099.
Jt.Gen.Manager (Vigilance), Airports Authority of India, RHQ, Western Region, Integrated Administrative Building, Opp. Parsiwada, Sahar Road, Vile Parle (E), Mumbai - 400099..



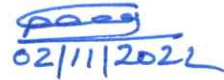
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3. संयुक्त महाप्रबंधक (अभि-विद्युत), भारतीय विमानपत्तन प्राधिकरण, आरएचक्यू, पश्चिम क्षेत्र, इंटीग्रेटेड प्रशासनिक भवन, पारसी वाड़ा के सामने, सहार रोड, विले पार्ले(पूर्व), मुंबई - 400 099.
Jt.Gen.Manager (Engg.-Elect), Airports Authority of India, RHQ, Western Region, Integrated Administrative Building, Opp. Parsiwada, Sahar Road, Vile Parle (E), Mumbai - 400099.
4. क्षेत्रीय श्रम आयुक्त, चंद्रप्रभा फ्लैट नंबर-2, कृष्णा नगर सोसाइटी, मोती बाग पैलेस के सामने, वडोदरा - 390001.
Regional Labour Commissioner, Chandraprabha Flat No.2, Krishna Nagar Society, Opp. Moti Baugh Palace, Vadodara - 390 001.
5. क्षेत्रीय भविष्य निधि आयुक्त, भविष्य निधि भवन, व्ही-वार्ड .सी.एम.6 कार्यालय के पीछे, अकोटा स्टेडियम रोड, अकोटा, वडोदरा - 390020
Regional P.F Commissioner(I), Bhavishyanidhi Bhawan, Behind VMC Ward-6 Office, Akota Stadium Road, Akota, Vadodara - 390020.

आंतरिक विवरण / INTERNAL: (By E-mail)

1. विमानपत्तन निदेशक, भाविप्रा, नागरविमान क्षेत्र, वडोदरा/Airport Director, Airports Authority of India, CA, Vadodara- सूचनार्थ ।
2. उपमहाप्रबंधक (अभि-सिविल)/ DGM(E-C), Airports Authority of India ,CA, Vadodara.
3. सहायक महाप्रबंधक (वित्त) / AGM (Fin), Airports Authority of India, CA, Vadodara.
4. सहायक महाप्रबंधक (अभि-विद्युत)/ AGM(E-E), Airports Authority of India ,CA, Vadodara- कार्य निष्पादन हेतु।
5. सहायक महाप्रबंधक (एयर साइड प्रबंधन)/ AGM(ASM), Airports Authority of India, CA, Vadodara.
6. कार्य फाइल / Work File
7. करारनामा फाइल / Agreement File.
8. हिन्दीगार्ड फाइल / Hindi Guard File.


02/11/2022

(आर. बी एस कुशवाहा)
(R.B S Kushwaha)
उपमहाप्रबंधक (अभि-विद्युत)
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.

SCHEDULE OF QUANTITY

Name of Work: Construction of ATC Tower cum Technical Block at Civil Aerodrome Vadodara. (SH: Shifting of complete GLF system from old power house to newly constructed service block of ATC Tower cum Technical Block.)

Sl.No	Description of Work / Item(s)	Qty	Units	Rate (In Rs.)	Amount (in Rs.)
1.00	SITC of FAA compliance indoor type microprocessor based, air cooled constant current regulator of Thyristor control electronic type MPCCR suitable for use on 240/415 VAC, 50 Hz input AC supply with 30KW output at 20A with 5 steps variation of current output suitable for local and remote control operation with 24/48/60 VDC control supply complete with output current indicated on multifunction digital display, over current, over voltage, earth fault protection with earth leakage meter and Insulation resistance meter, positive back indication equipment relay contactor etc. including supply & fixing MS stand of angle Iron having size 50 X 50 X 6 mm with two coat primer and one topcoat paint complete as per tender specification and site requirement.	1.00	Job	510000.00	510000.00
2.00	SITC of FAA compliance indoor type microprocessor based, air cooled constant current regulator of Thyristor control electronic type MPCCR suitable for use on 240/415 VAC, 50 Hz input AC supply with 7.5KW output at 6.6A with 5 steps variation of current output suitable for local and remote control operation with 24/48/60 VDC control supply complete with output current indicated on multifunction digital display, over current, over voltage, earth fault protection and earth leakage meter, positive back indication equipments relay contactor etc. including supply & fixing MS stand of angle Iron having size 50 X 50 X 6 mm with two coat primer and one topcoat paint complete as per tender specification and site requirement.	1.00	Job	260000.00	260000.00
3.00	SITC of FAA compliance indoor type microprocessor based, air cooled constant current regulator of Thyristor control electronic type MPCCR suitable for use on 240/415 VAC, 50 Hz input AC supply with 4KW output at 6.6A with 5 steps variation of current output suitable for local and remote control operation with 24/48/60 VDC control supply complete with output current indicated on multifunction digital display, over current, over voltage, earth fault protection and earth leakage meter, positive back indication equipments relay contactor etc. including supply & fixing MS stand of angle Iron having size 50 X 50 X 6 mm with two coat primer and one topcoat paint complete as per tender specification and site requirement.	2.00	Job	210000.00	420000.00



Sl.No	Description of Work / Item(s)	Qty	Units	Rate (In Rs.)	Amount (in Rs.)
4.00	Supply, installation, testing and commissioning of hinged type bottom tilttable LED illuminated wind directional indicator (WDI) conforming to ICAO Annex 14, volume I and suitable for operation on 230 V, 50 Hz, single phase AC supply and consist of following complete as required. (a) 5 mtr height FRP frangible lattice type pole/ mast. The frangibility shall confirm to ICAO Annex 14 & Aerodrome design manual part-6/ FAA. The color of pole/ mast shall be preferably aviation yellow or red/ white. (b) Wind sock assembly, Truncated fabric wind sock nominal length of 3600 mm and 900 mm dia. (at the larger end) complying ICAO standard including supply of all required materials with SS hardware, slip rings, drum, bracket for drum, bearing, carbon brush with holder etc. (c) Four way Aluminium casting junction box with arm for fixing external lights. Four nos, 20 W nominal capacity LED down light with drivers (having minimum IP65 protection). (d) One no. LED Aviation obstruction light having aluminium cast body and red polycarbonate dome. (e) Internal copper wiring, connection/ interconnection provision for remote control operation. (f) Providing and laying suitable dimension cement concrete foundation of grade 1:2:4 with anchor bolts for installation of WDI as per OEM recommendations. (g) Any other component required for operation of WDI.	2.00	Job	220000.00	440000.00
5.00	SITC of Airport Rotating Beacon type L-802A, Compliant FAA AC 150/5345-12F with upto-date amendments, shall indicate green & white flash alternatively, must appear at any point throughout 360 degree azimuth, Minimum effective intensity of flash 75000cd at Elevation angle in degrees 3 to 7 and suitable to operate on 220V 50 Hz AC supply etc complete as per tender specification and site requirement.	1.00	Job	450000.00	450000.00
6.00	SITC of Wall mountable in line commercial type water purifier (Pre filter+RO+UV+UF+TDS controller) Suitable for Purification of Brackish/Tap Water, Municipal Corporation Water etc. without storage tank and with a flow rate of not less than 50L/hr, compatible to use independent or with water cooler, CE or TUV SUD certified including all accessories suitable for use on single phase 240V, 50Hz AC power supply complete as per site requirement. (Make : Kent, Model : Elite plus new , Eureka forbes or it's equivalent from the list of approved make)	5.00	Job	45000.00	225000.00

See

SI.No	Description of Work / Item(s)	Qty	Units	Rate (In Rs.)	Amount (in Rs.)
7.00	SITC of water cooler having Storage tank capacity not less than 80 Ltrs. and nominal cooling capacity not less than 40ltrs/hour with two faucets(Plain & cold) working on R134a refrigerant & reciprocating type compressor including supply and fixing of all accessories required to use with water purifier(mentioned in BOQ item no. 6.00) complete as per site requirement. (Make- Blue star, Model no.- PC 4080B or it's, VOLTAS, USHA or it's equivalent from the list of approved make)	5.00	Job	42000.00	210000.00
8.01	Dismantling/Disconnecting, Shifting, Reinstallation/Re-connection, Testing and Commissioning of following capacity, Indoor type air cooled constant current regulator (CCR) complete etc. as per site requirement from Old Power House to New CCR Room at New ATC Tower cum technical block of Vadodara Airport.	3.00	Job	10000.00	30000.00
8.02	a) 30 kW	7.00	Job	8000.00	56000.00
8.03	b) 7.5 kW	4.00	Job	8000.00	32000.00
9.00	c) 4 kW Dismantling/Disconnecting, Shifting, Reinstallation/Re-connection, Testing and Commissioning of 2x125 kVA UPS (Make: Numeric) including 2 nos. battery bank complete etc. as per site requirement from Old Power House to New CCR Room at New ATC Tower cum technical block of Vadodara Airport.(Note :- Testing and commissioning shall be done by OEM authorized service engineers only).	1.00	Job	55000.00	55000.00
10.00	Dismantling/Disconnecting, Shifting, Reinstallation/Re-connection, Testing and Commissioning of CCR distribution LT Panel complete etc. as per site requirement from Old Power House to New CCR Room at New ATC Tower cum technical block of Vadodara Airport.(Dimension :- 3.87 x 2.03Mtrs.)	1.00	Job	40000.00	40000.00
11.00	Supply of 1 x 6 Sq. mm 5 KV grade single core, stranded copper conductor PVC insulated and PVC sheathed underground airfield lighting cable generally conforming to IS 1554 Part II 1981 with up to date amendments and as per tender specification complete as required.	14000.00	Mtr	93.00	1302000.00
12.00	Supply of 1 x 16 Sq. mm 5 KV grade single core, stranded copper conductor PVC insulated and PVC sheathed underground airfield lighting cable generally conforming to IS 1554 Part II 1981 with up to date amendments and as per tender specification complete as required..	1400.00	Mtr	210.00	294000.00
13.00	Supply of 50mm dia O.D. Permanently Lubricated High Density Polyethylene (PLB-HDPE duct) duct as per IS: 7328, TEC/GR/TX/ CDS-008/03 March, 2011 with latest amendment and as per tender specification, complete as required.	18600.00	Mtr	99.00	1841400.00
14.00	Excavation & refilling for cable trenches of depth upto 1.2 m in soft soil including getting out the excavated soil, refilling(after Pipe laying) and disposal of surplus excavated soil as directed within a lead of 50 metres complete as per site requirement (Note:- Pipe shall be provided by AAI).	70.00	CUM	500.00	35000.00

Sl.No	Description of Work / Item(s)	Qty	Units	Rate (In Rs.)	Amount (in Rs.)
15.00	Laying of 50mm. dia.(O.D.) HDPE(High Density Polyethylene) pipe along with all accessories like socket, bend, couplers etc. complete with fitting and cutting, jointing etc. in existing open/close trenches or hume pipe complete as per site requirement.	3240.00	Mtr	30.00	97200.00
16.00	Laying of 50mm. dia.(O.D.) single run PLB HDPE (high density polyethylene) pipe along with its necessary accessories like end plugs, rope, cable sealant etc. below the ground (i/c Road crossing, runway crossings, Cement concrete, Apron Area) at a depth of up to 6 m through horizontal directional drilling (HDD) method including duct integrity test for continuity as per site requirement and as per tender specification and site requirement.	3200.00	Mtr	170.00	544000.00
17.00	Laying of 50mm. dia.(O.D.) double run (Two run in single HDD) PLB HDPE (high density polyethylene) pipe along with its necessary accessories like end plugs, rope, cable sealant etc. below the ground (i/c Road crossing, runway crossings, Cement concrete, Apron Area) at a depth of up to 6 m through horizontal directional drilling (HDD) method including duct integrity test for continuity as per site requirement and as per tender specification and site requirement.	5650.00	Mtr	200.00	1130000.00
18.00	Supply & fixing of precast RCC of 1:2:4 Round type cable manhole chamber of Dia.(I.D.) 1.0M and height 1.0M with all around(i/c base) wall thickness not less than 100mm. without top cover but top opening should have socket type arrangement suitable to receive MS iron sheet cover plate on the top and having four clear holes with two holes on each side surfaces at 180 degree from centre & 200 mm above bottom surface suitable to receive 50 mm dia (outer dia) HDPE pipe including excavation in soft/ hard soil and consolidating with excavated earth all around the chamber by ramming and watering etc. as per tender specification and site requirement. (Note :- MS iron sheet Cover plate shall be provided seperately)	45.00	Job	8000.00	360000.00
19.00	Steel work welded in built up section / framed work in circular/ round shape including cutting, hoisting, fixing in position and applying two priming coat of approved steel primer and one topcoat synthetic enamel black paint using structural steel etc. (with 10 mm thick MS Sheet, 50 X 50 X 6mm angle welding for strength and 12mm rod for handle). (Note :- Cover for Manhole chamber mentioned in BOQ item no.-18)	3700.00	Kg	95.00	351500.00
20.00	Supply and fixing of 400A, 50KA (Ics=100%Icu) thermal magnetic release type & adjustable type (80-100%) FP MCCB with suitable size Spreader terminals in both end for cable termination and having over load and short ckt. protections on vacant compartment of existing Panel complete as required.	3.00	Job	27000.00	81000.00

Sl.No	Description of Work / Item(s)	Qty	Units	Rate (In Rs.)	Amount (in Rs.)
21.00	Supply and fixing of 250A, 25KA (Ics=100%lcu) thermal magnetic release type & adjustable type (80-100%) FP MCCB with suitable size Spreader terminals in both end for cable termination and having over load and short ckt. Protections on vacant compartment of existing Panel complete as required.	3.00	Job	25000.00	75000.00
22.00	Laying of one number PVC insulated and PVC sheathed runway cable of 5 KV grade upto 16 sqmm size in the existing RCC/ HUME/ METAL/HDPE pipe as required.	15100.00	Mtr	18.00	271800.00
23.00	Laying of one number PVC insulated and PVC sheathed runway cable of 5 KV grade upto 16 sqmm size on wall /surface including fixing with 1mm thick GI saddle complete as per site requirement.	90.00	Mtr	18.00	1620.00
24.00	Laying of one number PVC insulated and PVC sheathed runway cable of 5 KV grade upto 16 sqmm size on cable tray including fixing with 1mm thick GI saddle complete as per site requirement.	200.00	Mtr	18.00	3600.00
25.00	Supply of 5 KV grade, 6 sq. mm size plug and receptacle of type I class "B" connector suitable for field attachment with 5 KV grade of PVC insulated PVC sheathed single core copper conductor Airfield Lighting cable conforming to the relevant IS specification etc. complete as required.	50.00	Each	450.00	22500.00
26.00	Supply of 5 KV grade, 16 sq. mm size plug and receptacle of type I class "B" connector suitable for field attachment with 5 KV grade of PVC insulated PVC sheathed single core copper conductor Airfield Lighting cable conforming to the relevant IS specification etc. complete as required.	20.00	Each	450.00	9000.00
27.00	Making field connections by crimping 6/16 Sq.mm plug and receptacle with the existing 6 / 16 Sq.mm single core PVC insulated copper conductor cable including filling the gap with water sealant material, applying good quality HT tape & followed by PVC insulation tape of approved/reputed make etc complete as per site requirement.	50.00	Job	100.00	5000.00
28.00	Supply & making straight through joint with heat shrinkable jointing kit of 6.0 sq. mm size, single core copper conductor, 5 KV grade for Airfield lighting cable complete etc. as required.	10.00	Set	1250.00	12500.00
29.00	Providing and fixing 25 mm X 5 mm copper strip on surface or in recess for connections etc. as required.	60.00	Mtr	1100.00	66000.00
30.00	Providing and fixing 25 mm X 5 mm G.I. strip on surface or in recess for connections etc. as required.	30.00	Mtr	250.00	7500.00
31.00	Supply of Following Size. XLPE insulated, PVC sheathed Al. conductor armoured power cable of 1.1 KV grade conforming to IS:7098 Part-I with upto date amendment etc. complete as required. a) 3.5 Core x 240 Sqmm.	300.00	Mtr	950.00	285000.00

SI.No	Description of Work / Item(s)	Qty	Units	Rate (In Rs.)	Amount (in Rs.)
32.00	Supply of Following Size. XLPE insulated, PVC sheathed Al. conductor armoured power cable of 1.1 KV grade conforming to IS:7098 Part-I with upto date ammendment etc. complete as required. a) 3.5 Core x 95 Sqmm.	200.00	Mtr	425.00	85000.00
33.00	Supply of Following Size. XLPE insulated, PVC sheathed Al. conductor armoured power cable of 1.1 KV grade conforming to IS:7098 Part-I with upto date ammendment etc. complete as required a) 4 Core x 25 Sqmm.	4500.00	Mtr	177.00	796500.00
34.00	Supply of 12c x 2.5 sq.mm. of XPLE insulated PVC sheathed armoured copper conductor control cable of 1.1KV grade conforming to IS 7098 (Part-I) with up to date ammendment etc. complete as required.	500.00	Mtr	375.00	187500.00
35.00	Supplying and installing following size of perforated painted with powder coating MS cable tray with perforation not more than 17.5%, in convenient sections, joined with connectors, suspended from the ceiling with MS suspenders or angle iron floor mounting supports including G.I. bolts & nuts, etc as required. a) 150 mm width X 50 mm depth X 1.6 mm thickness	100.00	Mtr	900.00	90000.00
36.00	Supplying and installing following size of perforated painted with powder coating MS cable trays bends with perforation not more than 17.5%, in convenient sections, joined with connectors, suspended from the ceiling with MS suspenders or angle iron floor mounting supports including G.I. bolts & nuts, etc as required. a) 150 mm width X 50 mm depth X 1.6 mm thickness	50.00	Each	1100.00	55000.00
37.00	Supplying and installing following size of perforated painted with powder coating MS cable trays Tee with perforation not more than 17.5%, in convenient sections, joined with connectors, suspended from the ceiling with MS suspenders or angle iron floor mounting supports including G.I. bolts & nuts, etc as required. a) 150 mm width X 50 mm depth X 1.6 mm thickness	30.00	Each	1250.00	37500.00
38.00	Laying of one number PVC insulated and PVC sheathed / XLPE power cable of 1.1 KV grade of following size in the existing RCC/ HUME/ METAL/PVC pipe as required a) Upto 35 sq. mm	4150.00	Mtr	25.00	103750.00
39.00	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) Upto 35 sq. mm	260.00	Mtr	25.00	6500.00
40.00	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 35 sq. mm and upto 95 sq. mm	25.00	Mtr	25.00	625.00
41.00	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	230.00	Mtr	50.00	11500.00

Sl.No	Description of Work / Item(s)	Qty	Units	Rate (In Rs.)	Amount (in Rs.)
42.00	Laying of one number PVC insulated and PVC sheathed / XLPE power cable of 1.1 KV grade of following size cable tray as required. a) Upto 35 sq. mm	220.00	Mtr	25.00	5500.00
43.00	Laying of one number PVC insulated and PVC sheathed / XLPE power cable of 1.1 KV grade of following size cable tray as required. a) Above 35 sq. mm and upto 95 sq. mm	100.00	Mtr	30.00	3000.00
44.00	Supplying and making end termination with brass compression gland and aluminum lugs for following size of XLPE insulated and PVC sheathed aluminum conductor cable of 1.1 KV grade as required a) 3.5 core x 240 Sq.mm (35mm)	18.00	Set	750.00	13500.00
45.00	Supplying and making end termination with brass compression gland and aluminum lugs for following size of XLPE insulated and PVC sheathed aluminum conductor cable of 1.1 KV grade as required a) 3.5 core x 95 Sq.mm (45mm)	10.00	Set	550.00	5500.00
46.00	Supplying and making end termination with brass compression gland and aluminum lugs for following size of XLPE insulated and PVC sheathed aluminum conductor cable of 1.1 KV grade as required a) 4 core x 25 Sq.mm (28mm)	40.00	Set	400.00	16000.00
47.00	SITC of Horizontal double mounting siren of range not less than 3KM, intended for use in all weather condition with 0.5HP, 6000 RPM motor suitable for 220-250V, single phase, 50Hz A.C. power supply along with 9A 2P power contactor, 10A 2P C-curve MCB and other required accessories fixed on DIN rail in SMC junction box for automatic switching of siren including wiring and interconnection upto 15Mtr. with 3C X 1.5Sqmm flexible copper conductor cable in heavy duty 25mm PVC pipe including Siren cover of suitable size canopy fabricated with 14 SWG MS sheet complete with all accessories suitable angle/ channels frame, gland, painting etc.as per site requirement. (Siren make -Kheraj, Model no. DS-325 or equivalent)	2.00	Each	26228.00	52456.00
	TOTAL				10993451.00

One Crore Nine Lakh Ninety Three Thousand Four Hundred Fifty One only)

Note :- GST shall be paid as per actual.

Signature Not Verified

Digitally signed by RAVINDER SINGH MEHROK
Date: 2022.12.17 13:22:51 IST
Location: eProcurement System for Central PSUs

(Signature)
02/11/2022

(R.B.S.Kushwaha)
DGM (E-E)
AAJ,CA,Vadodara