

संदर्भ सं. भाविप्रा/बीओ/संयुक्त महा.प्र.(ईजी-विधुत)/ Walking Track /डब्ल्यू-14/2023-24/376  
Ref. No.: AAI/BO/Jt.GM(E-E)/Walking Track/W-14/2023-24

दिनांक : 19.01.2024  
DATE : 19.01.2024

**By Speed Post / E-mail**

सेवा में,  
मेसर्स क्रिस सन्स इंटरनेशनल इंजीनियर्स,  
एंड कंसल्टेंट्स (ई) प्रा. लिमिटेड  
304, वेलेंटाइन टावर,  
फिल्म सिटी रोड,  
वागेस्वरी मंदिर के सामने, मलाड (ई),  
मुंबई -400097.

To,  
M/s. Krish sons International Engineers &  
Consultants (I) Pvt. Limited  
304, Velentine Tower,  
Film City Road,  
Opp. Wageswari Temple, Malad ( E),  
Mumbai - 400097.

**कार्य का नाम : वडोदरा हवाई अड्डे पर पार्क के वॉकिंग ट्रैक पर प्रकाश व्यवस्था का प्रावधान, पुरानी कॉलोनी के एलटी पैनल को बदलना और अन्य विविध कार्य।**

**Name of work :- Provision of lighting on walking track of park, replacement of LT panel of old colony and other miscellaneous works at Vadodara Airport, Vadodara.**

संदर्भ : दिनांक : 10.01.2024 को खोली गई निविदा आईडी : 2023\_AAI\_175937\_1

महोदय,

- कृपया उपरोक्त टेंडर आई.डी. से संबंधित आपके टेंडर का अवलोकन करें।  
1. 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. **70,24,940/-** (रुपये सत्तर लाख चौबीस हजार नौ सौ चालीस मात्र) (जी.एस.टी. रहित) है, जो कि टेंडरकी न्योचित राशि रु. **93,04,837/-** (जी.एस.टी. रहित) से 24.52 % 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. 70,24,940/- (Rupees Seventy Lakh Twenty Four Thousand Nine Hundred Forty only) (Excluding GST)**, which is **24.52 % below** than the Justified cost **Rs.93,04,837/- (Excluding GST)**. **GST shall be paid as per actual.** The GST No.of Airports Authority of India for Gujarat state is **24AAACA6412D1ZE**.
- संयुक्त महाप्रबंधक (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 **15.02.2024** तक संयुक्त महाप्रबंधक (अभि-विधुत) भारतीय विमानपत्तन प्राधिकरण, वडोदरा एयरपोर्ट, वडोदरा के कार्यालय में उपस्थित हो। ठेके का करारनामा ₹ 300/- के नॉनजुडीशियल स्टैम्प पेपर पर निष्पादित किया जाएगा, तथा स्टैम्प पेपर का खर्च आपके द्वारा उठाया जायेगा।

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3. Jt.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 Jt.Gen. Manager (Engg-E), Airports Authority of India, Vadodara Airport, Vadodara by **15.02.2024** to sign and complete the contract agreement. The contract agreement shall be executed on a non - judicial stamp paper of value ₹ 300/- 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 सिक्युरिटी डिपॉजिट के लिए राशि ₹ **7,02,494/-** (रुपये सात लाख दो हजार चार सौ चौरानबे मात्र) केवल जमा कर दे, अन्यथा इतनी ही राशि आपके रनिंग बिलो से काट ली जाएगी।
4. Please deposit ₹ **7,02,494/- (Rupee Seven Lakh Two Thousand Four Hundred Ninety Four 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 **06 महिना (छह महिना)** 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 **06 Months(Six Months)** which shall be reckoned from the 10th day of issue of this work order.
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 संयुक्त महाप्रबंधक (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 Jt. 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,

भवदीय / Yours Faithfully,

*(Handwritten Signature)*  
19/11/2024

(सचिन बी. खंगार)

(Sachin B. Khangar)

संयुक्त महाप्रबंधक (अभि.विधुत)

Jt. 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 - For Favour of Information**

1. 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.
2. क्षेत्रीय भविष्य निधि आयुक्त, भविष्य निधि भवन, वीएमसी वार्ड -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.

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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

### SCHEDULE OF QUANTITY

**Name of Work :- Provision of Lighting on walking track of park, replacement of LT Panel of old colony and other miscellaneous works at Vadodara Airport.**

| Sl.No | Description of Work / Item(s)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Qty    | Units | Rate<br>(in Rs.) | Amount<br>(in Rs.) |
|-------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|-------|------------------|--------------------|
| 1     | Supply of LED Highbay light with housing material - Al. die cast, fixture should have minimum net efficacy at System level (Not Chip Level) >= 150 lumens/watt, minimum luminous flux of 12000 lumen, Life of fixture 50000 hrs (minimum), CCT up to 6500K, CRI >70, PF >0.94, IP 65, IK06 and suitable for 150V- 270V AC, 50Hz. supply, Internal Surge Protection >= 4KV. The fixture should comply with the parameters as per IS10322 and IEC60598, EMC / EMI compliance, and LED driver shall be BIS registered & luminair manufacture shall provide LM79 report from NABL accredited lab & LM80 report issued by LED manufacturer and warranty for 05 years (minimum).<br>(Make- Bajaj, Model- BGHBM PRO B 120L WH NB SD or or Equivalent as per AAI preferred make list)                                                                                                                                      | 202.00 | Each  | 3000.00          | 606000.00          |
| 2     | Supply of 2'x2' recessed type LED panel light with housing material - CRAC steel sheet, fixture should have minimum net efficacy at System level (Not Chip Level) >= 120 lumens/watt, luminous flux of 4200 lumen, Life of fixture 50000 hrs (minimum), CCT up to 6500K, CRI >80, PF >0.89, IP 20 and suitable for 180V- 270V AC, 50Hz. supply, Internal Surge Protection >= 3 KV. The fixture should comply with the parameters as per IS10322 and IEC60598, EMC / EMI compliance, and LED driver shall be BIS registered & luminair manufacture shall provide LM79 report from NABL accredited lab & LM80 report issued by LED manufacturer and warranty for 05 years (minimum).<br>(Make- Bajaj, Model- 113522 BZRSQ 43L XE WH OD SD or Equivalent as per AAI preferred make list )                                                                                                                             | 55.00  | Each  | 1500.00          | 82500.00           |
| 3     | Supply of 1'x4' recessed type LED panel light with housing material - steel, fixture should have minimum net efficacy at System level (Not Chip Level) >= 100 lumens/watt, luminous flux of 3600 lumen, Life of fixture 50000 hrs (minimum), CCT up to 4000K, CRI >70, PF >0.94, IP 20 and suitable for 180V-270V AC, 50Hz. supply, Internal Surge Protection >= 3KV. The fixture should comply with the parameters as per IS10322 and IEC60598, EMC / EMI compliance, and LED driver shall be BIS registered & luminair manufacture shall provide LM79 report from NABL accredited lab & LM80 report issued by LED manufacturer and warranty for 05 years (minimum).<br>(Make- Bajaj, Model- BZRSLL 36L LED GX WH SD or Equivalent as per AAI preferred make list )                                                                                                                                               | 45.00  | Each  | 2000.00          | 90000.00           |
| 4     | Supply of wide beam (minimum 60 degree) LED Flood Light fixture with housing material - Aluminum Alloy, Optic material - Polycarbonate with integrated electronic power supply unit, fixture should have minimum net efficacy at System level (Not Chip Level) >=120lumens/watt & minimum luminous flux of 36000 lumen, Life of fixture 50000hrs @ L70 Lumen maintenance, CCT upto 5700K, CRI >70, PF >=0.95, IP-66, IK-08, and suitable for 150V-275V AC, 50Hz. supply minimum internal Surge Protection >= 4KV. The fixture should comply with the parameters as per IS10322 and IEC60598, EMC / EMI compliance, and LED driver shall be BIS registered & luminair manufacture shall provide LM79report from NABL accredited lab & LM80 report issued by LED manufacturer and warranty for 05 years (minimum).<br>(Make- Bajaj, Model- PRAZE F 360L WH NB-A5 TG SD or Equivalent as per AAI preferred make list) | 20.00  | Each  | 8500.00          | 170000.00          |

| Sl.No | Description of Work / Item(s)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Qty   | Units | Rate<br>(in Rs.) | Amount<br>(in Rs.) |
|-------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|-------|------------------|--------------------|
| 5     | Supply of narrow beam (maximum 30 degree) LED Flood Light fixture with housing material - Aluminum Alloy, Optic material - Polycarbonate with integrated electronic power supply unit, fixture should have minimum net efficacy at System level (Not Chip Level) >=120lumens/watt & minimum luminous flux of 42000 lumen, Life of fixture 50000hrs @ L70 Lumen maintenance, CCT upto 5700K, CRI >70, PF >=0.95, IP-66, IK-08, and suitable for 150V-275V AC, 50Hz. supply minimum internal Surge Protection >= 4KV. The fixture should comply with the parameters as per IS10322 and IEC60598, EMC / EMI compliance, and LED driver shall be BIS registered & luminair manufacturer shall provide LM79report from NABL accredited lab & LM80 report issued by LED manufacturer and warranty for 05 years (minimum)<br>(Make- Bajaj, Model- PRAZE F 420L WH NB-A3 TG SD or Equivalent as per AAI preferred make list ) | 6.00  | Each  | 9200.00          | 55200.00           |
| 6     | Supply of wide beam (minimum 60 degree) LED Flood Light fixture with housing material - Aluminum Alloy, Optic material - Polycarbonate with integrated electronic power supply unit, fixture should have minimum net efficacy at System level (Not Chip Level) >=120lumens/watt & minimum luminous flux of 9600 lumen, Life of fixture 50000hrs @ L70 Lumen maintenance, CCT upto 5700K, CRI >70, PF >=0.95, IP-66, IK-07, and suitable for 150V-270V AC, 50Hz. supply minimum internal Surge Protection >= 4KV. The fixture should comply with the parameters as per IS10322 and IEC60598, EMC / EMI compliance, and LED driver shall be BIS registered & luminair manufacturer shall provide LM79report from NABL accredited lab & LM80 report issued by LED manufacturer and warranty for 05 years (minimum)<br>(Make- Bajaj, Model- PRAZE F 96L WH NB A5 TG SD or Equivalent as per AAI preferred make list )     | 22.00 | Each  | 2700.00          | 59400.00           |
| 7     | Supply of wide beam (minimum 60 degree) LED Flood Light fixture with housing material - Aluminum Alloy, Optic material - Polycarbonate with integrated electronic power supply unit, fixture should have minimum net efficacy at System level (Not Chip Level) >=110lumens/watt & minimum luminous flux of 5500 lumen, Life of fixture 50000hrs @ L70 Lumen maintenance, CCT upto 5700K, CRI >70, PF >=0.95, IP-66, IK-07, and suitable for 150V-270V AC, 50Hz. supply minimum internal Surge Protection >= 4KV. The fixture should comply with the parameters as per IS10322 and IEC60598, EMC / EMI compliance, and LED driver shall be BIS registered & luminair manufacturer shall provide LM79report from NABL accredited lab & LM80 report issued by LED manufacturer and warranty for 05 years (minimum)<br>(Make- Bajaj, Model- GLEAM 55L WH SY PC SD V2 or Equivalent as per AAI preferred make list )       | 10.00 | Each  | 1700.00          | 17000.00           |

| Sl.No | Description of Work / Item(s)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Qty   | Units | Rate<br>(in Rs.) | Amount<br>(in Rs.) |
|-------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|-------|------------------|--------------------|
| 8     | Supply of wide beam (minimum 60 degree) LED Flood Light fixture with housing material - Aluminum Alloy, Optic material - Polycarbonate with integrated electronic power supply unit, fixture should have minimum net efficacy at System level (Not Chip Level) $\geq 110$ lumens/watt & minimum luminous flux of 3300 lumen, Life of fixture 50000hrs @ L70 Lumen maintenance, CCT upto 5700K, CRI $>70$ , PF $\geq 0.95$ , IP-66, IK-07, and suitable for 150V-270V AC, 50Hz, supply minimum internal Surge Protection $\geq 4$ KV. The fixture should comply with the parameters as per IS10322 and IEC60598, EMC / EMI compliance, and LED driver shall be BIS registered & luminair manufacture shall provide LM79report from NABL accredited lab & LM80 report issued by LED manufacturer and warranty for 05 years (minimum)<br>(Make- Bajaj, Model- GLEAM 33L WH SY PC SD V2 V2 or Equivalent as per AAI preferred make list ) | 10.00 | Each  | 1150.00          | 11500.00           |
| 9     | Supply of LED street Light fixture with housing material - Aluminum Alloy, Optic material - Polycarbonate with integrated electronic power supply unit, fixture should have minimum net efficacy at System level (Not Chip Level) $\geq 120$ lumens/watt & minimum luminous flux of 10500 lumen, Life of fixture 50000hrs @ L70 Lumen maintenance, CCT upto 5700K, CRI $>70$ , PF $\geq 0.95$ , IP-66, IK-08, and suitable for 150V-270V AC, 50Hz, supply minimum internal Surge Protection $\geq 4$ KV. The fixture should comply with the parameters as per IS10322 and IEC60598, EMC / EMI compliance, and LED driver shall be BIS registered & luminair manufacture shall provide LM79report from NABL accredited lab & LM80 report issued by LED manufacturer and warranty for 05 years (minimum)<br>(Make- Bajaj, Model- ZELA P 108L WH PO TG SD or Equivalent as per AAI preferred make list )                                 | 10.00 | Each  | 2800.00          | 28000.00           |
| 10    | Supply of LED street Light fixture with housing material - Aluminum Alloy, Optic material - Polycarbonate with integrated electronic power supply unit, fixture should have minimum net efficacy at System level (Not Chip Level) $\geq 120$ lumens/watt & minimum luminous flux of 5400 lumen, Life of fixture 50000hrs @ L70 Lumen maintenance, CCT upto 5700K, CRI $>70$ , PF $\geq 0.95$ , IP-66, IK-08, and suitable for 150V-275V AC, 50Hz, supply minimum internal Surge Protection $\geq 4$ KV. The fixture should comply with the parameters as per IS10322 and IEC60598, EMC / EMI compliance, and LED driver shall be BIS registered & luminair manufacture shall provide LM79report from NABL accredited lab & LM80 report issued by LED manufacturer and warranty for 05 years (minimum)<br>(Make- Bajaj, Model- ENXT P 54 L WH PO PC SD MT or Equivalent as per AAI preferred make list )                               | 20.00 | Each  | 1290.00          | 25800.00           |
| 11    | Supply of LED street Light fixture with housing material - Aluminum Alloy, Optic material - Polycarbonate with integrated electronic power supply unit, fixture should have minimum net efficacy at System level (Not Chip Level) $\geq 120$ lumens/watt & minimum luminous flux of 8400 lumen, Life of fixture 50000hrs @ L70 Lumen maintenance, CCT upto 5700K, CRI $>70$ , PF $\geq 0.95$ , IP-66, IK-08, and suitable for 150V-270V AC, 50Hz, supply minimum internal Surge Protection $\geq 4$ KV. The fixture should comply with the parameters as per IS10322 and IEC60598, EMC / EMI compliance, and LED driver shall be BIS registered & luminair manufacture shall provide LM79report from NABL accredited lab & LM80 report issued by LED manufacturer and warranty for 05 years (minimum)<br>(Make- Bajaj, Model- ENXT P 84 L WH PO PC SD MT or Equivalent as per AAI preferred make list )                               | 36.00 | Each  | 2350.00          | 84600.00           |

| Sl.No | Description of Work / Item(s)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Qty     | Units | Rate (in Rs.) | Amount (in Rs.) |
|-------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|-------|---------------|-----------------|
| 12    | Supply of 4 ft LED batten Tube Light fixture with housing material - Extruded aluminium housing, Optic material - Polycarbonate with integrated electronic power supply unit, fixture should have minimum net efficacy at System level (Not Chip Level) >=100 lumens/watt & minimum luminous flux of 2000 lumen, Life of fixture 25000hrs @ L70 Lumen maintenance, CCT upto 6500K, CRI >80, PF >=0.95, IP-22 and suitable for 150V-270V AC, 50Hz. supply minimum internal Surge Protection >= 3KV. The fixture should comply with the parameters as per IS10322 and IEC60598, EMC / EMI compliance, and LED driver shall be BIS registered & luminair manufacture shall provide LM79report from NABL accredited lab & LM80 report issued by LED manufacturer and warranty for 05 years (minimum)                                                                                                                          | 260.00  | Each  | 240.00        | 62400.00        |
| 13    | Supply of round type LED Post top Light fixture with housing material - Extruded aluminium housing, Optic material - Polycarbonate with integrated electronic power supply unit, fixture should have minimum net efficacy at System level (Not Chip Level) >=85lumens/watt & minimum luminous flux of 3800 lumen, Life of fixture 50000hrs @ L70 Lumen maintenance, CCT upto 6500K IP-66, IK-08, and suitable for 150V-275V AC, 50Hz. supply minimum internal Surge Protection >= 4KV. The fixture should comply with the parameters as per IS10322 and IEC60598, EMC / EMI compliance, and LED driver shall be BIS registered & luminair manufacture shall provide LM79report from NABL accredited lab & LM80 report issued by LED manufacturer and warranty for 05 years (minimum) (Make- Bajaj, Model- Archner: Make-Philips, Model-BGP300 LED40 757 PSU PC IN S1, or sample from preferred make list approved by EIC) | 29.00   | Each  | 4000.00       | 116000.00       |
| 14.1  | Supply of XLPE insulated and PVC sheathed aluminium conductor armoured cable of 1.1 KV grade conforming to IS : 7098 (Part-I) /1988 with upto date amendments etc., as required of following sizes :                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 500.00  | Meter | 153.00        | 76500.00        |
| 14.2  | a) 4 X 16 Sq.mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 1500.00 | Meter | 168.00        | 252000.00       |
| 15.1  | b) 4 X 25 Sq.mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 1400.00 | Meter | 90.00         | 126000.00       |
| 15.2  | Supply of following sizes HDPE (High Density Polyethylene) duct of grade PE80, PN6 ISI marked along with all accessories like socket, bend, couplers etc. conforming to IS 4984:1995 with latest amendments complete as required.<br>50mm dia.(O.D.)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 300.00  | Meter | 280.00        | 84000.00        |
| 16.1  | 90mm dia.(O.D.)<br>laying of following size HDPE pipe along with all accessories like socket, bend, couplers etc. with fitting and cutting, jointing etc. direct in ground (75 cm below ground level) including excavation and refilling the trench but excluding sand cushioning and protective covering etc., complete as required.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 950.00  | Meter | 50.00         | 47500.00        |
| 16.2  | 50mm dia.(O.D.)<br>90mm dia.(O.D.)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 215.00  | Meter | 55.00         | 11825.00        |
| 17    | laying of 50 mm dia size HDPE pipe along with all accessories like socket, bend, couplers etc. with fitting and cutting, jointing etc. on wall with 25 x 3 mm GI flat clamp on 1.2 meter (max) interval etc., complete as per site requirement.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 120.00  | Meter | 70.00         | 8400.00         |
| 18.1  | laying of following size size HDPE pipe along with all accessories like socket, bend, couplers etc. with fitting and cutting, jointing etc. in ground (50 cm below ground level) under paver block/ hard rock including removal of paver block, breaking of hard rock, excavation, refilling the trench and fixing paver block (broken paver block shall be fixed with new one) or fixing as per previous site condition but excluding sand cushioning and protective covering etc.in complete as per site requirement.<br>50mm dia.(O.D.)                                                                                                                                                                                                                                                                                                                                                                                | 330.00  | Meter | 80.00         | 26400.00        |
| 18.2  | 90mm dia.(O.D.)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 70.00   | Meter | 90.00         | 6300.00         |

| Sl.No | Description of Work / Item(s)                                                                                                                                                                                                                                                     | Qty     | Units | Rate<br>(in Rs.) | Amount<br>(in Rs.) |
|-------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|-------|------------------|--------------------|
| 19    | Providing, laying and fixing 100 mm dia G.I. pipe (medium class) in concrete / bituminous road / paver block complete with G.I. fittings including trenching (50 cm deep) and re-filling and making the same as it is by providing concrete/ paver block etc complete as required | 80.00   | Meter | 1700.00          | 136000.00          |
| 20.1  | 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/HDPE pipe as required.<br><b>Upto 35 sq. mm</b>                                                                                         | 1445.00 | Meter | 15.00            | 21675.00           |
| 20.2  | Above 35 sq. mm and upto 95 sq. mm                                                                                                                                                                                                                                                | 20.00   | Meter | 25.00            | 500.00             |
| 20.3  | Above 95 sq. mm and upto 185 sq. mm                                                                                                                                                                                                                                               | 310.00  | Meter | 35.00            | 10850.00           |
| 21.1  | 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.<br><b>Upto 35 sq. mm</b>                                                                                                  | 20.00   | Meter | 15.00            | 300.00             |
| 21.2  | Above 35 sq. mm and upto 95 sq. mm                                                                                                                                                                                                                                                | 20.00   | Meter | 30.00            | 600.00             |
| 21.3  | Above 95 sq. mm and upto 185 sq. mm                                                                                                                                                                                                                                               | 20.00   | Meter | 40.00            | 800.00             |
| 22.1  | 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.<br><b>Upto 35 sq. mm (clamped with 1mm thick saddle)</b>                                                                         | 30.00   | Meter | 30.00            | 900.00             |
| 22.2  | Above 35 sq. mm and upto 95 sq. mm (clamped with 25x3mm MS flat clamp)                                                                                                                                                                                                            | 20.00   | Meter | 90.00            | 1800.00            |
| 22.3  | Above 95 sq. mm and upto 185 sq. mm (clamped with 25/40x3mm MS flat clamp)                                                                                                                                                                                                        | 20.00   | Meter | 100.00           | 2000.00            |

| Sl.No | Description of Work / Item(s)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Qty  | Units | Rate<br>(in Rs.) | Amount<br>(in Rs.) |
|-------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-------|------------------|--------------------|
| 23    | <p>Design, fabrication, supply, installation, testing and commissioning of double door, weather proof, dust &amp; vermin proof, duly painted, fully compartmentalised free standing type outdoor type Floor Mounted panel (with IP 54 protection) fabricated from 2mm thick CRCA sheet (Thickness of partition Minimum 1.6mm ) including making suitable size concrete foundation, suitable angle/ channels frame, providing suitable size of HDPE bend pipe in foundation for cable entry, supply and fixing of following switchgears and accessories complete with busbars,glande plates, neutral link, interconnections, earth connections, CT's, ammeter and voltmeter with selector switches and LED phase indicating lamps etc complete as required as per tender specifications, site requirement and approved make. (GEB LT PANEL)</p> <p>Incomer:<br/>250A, MCCB, 4P, 50 kA (Icu= 100% Ics) with extended rotary handle and spreaders - 01 Nos.<br/>Multi function meter (Shows Voltage, Current, Power, Energy &amp; Frequency) with 3 line LCD Display of size 96 x 96 mm. - 01 Nos.</p> <p>Indication Lamp R, Y &amp; B (LED Type) -01 set</p> <p>Outgoing :<br/>200A, MCCB, 4P, 50 kA (Icu= 100% Ics) with extended rotary handle - 03 Nos.<br/>Indication Lamp R &amp; G (LED type) - 03 Set<br/>63A, MCCB, 4P, 35-37 KA (Icu= 100% Ics) with extended rotary handle - 01 Nos.<br/>Indication Lamp R &amp; G (LED type) - 01 Set</p> <p>Other :<br/>400A AL busbar, 4 Pole<br/>Mechanical key lock (1 Lock + 1 Key)<br/>Necessary CT &amp; Control wiring arrangement<br/>Power terminal Block and other accessories<br/>Three Phase Surge Protection Device (SPD) having nominal discharge current (L-N/N-PE) =25 /100 kA (8/20 us)<br/>Lightning impulse current (L1 + L2 + L3 + N -PE=100kA (10/350 us) &amp; (L-N / N-PE = 25/100 kA) with voltage protection level &lt;=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</p> | 1.00 | Each  | 310000.00        | 310000.00          |

1 - 01 No.

| Sl.No | Description of Work / Item(s)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Qty  | Units | Rate<br>(in Rs.) | Amount<br>(in Rs.) |
|-------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-------|------------------|--------------------|
| 24    | <p>Design, fabrication, supply, installation, testing and commissioning of double door, weather proof, dust &amp; vermin proof, duly painted, fully compartmentalised free standing type outdoor type Floor Mounted panel (with IP 54 protection) fabricated from 2mm thick CRCA sheet (Thickness of partition Minimum 1.6mm ) including making suitable size concrete foundation,suitable angle/ channels frame, providing suitable size of HDPE bend pipe in foundation for cable entry, supply and fixing of following switchgears and accessories complete with busbars,glande plates, neutral link, interconnections, earth connections, CT's, ammeter and voltmeter with selector switches and LED phase indicating lamps etc complete as required as per tender specifications, site requirement and approved make. (GEB LT PANEL) .( LT PANEL- LAL TANK PUMP ROOM)</p> <p>Incomer:<br/> 200A, MCCB, 4P, 50 KA (Icu= 100% Ics) with extended rotary handle and spreaders - 02 Nos.<br/> Multi function meter (Shows Voltage, Current, Power, Energy &amp; Frequency) with 3 line LCD Display of size 96 x 96 mm. - 02 Nos.<br/> Indication Lamp R, Y &amp; B (LED Type) -02 set<br/> Mechanical key lock (2 Lock + 1 Key)</p> <p>Outgoing :<br/> 125A, MCCB, 4P, 35-37 KA (Icu= 100% Ics) with extended rotary handle - 01 Nos.<br/> Indication Lamp R &amp; G (LED type) - 01 Set<br/> 63A, MCCB, 4P, 35-37 KA (Icu= 100% Ics) with extended rotary handle - 06 Nos.<br/> Indication Lamp R &amp; G (LED type) - 07 Set<br/> 40A, MCCB, 4P, 35-37 KA (Icu= 100% Ics) with extended rotary handle - 02 Nos.<br/> Indication Lamp R &amp; G (LED type) - 02 Set<br/> Digital Timer Current - 8A, Voltage- 240V AC, Opt. temp --10 to +55 Deg, multifunction Timer, Din rail Mount<br/> Contactor 3P, 63A - 01 Set</p> <p>Other :<br/> 400A Aluminium busbar, 4 Pole<br/> Necessary CT &amp; Control wiring arrangement<br/> Power terminal and other accessories</p> | 1.00 | Each  | 360000.00        | 360000.00          |

| Sl.No | Description of Work / Item(s)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Qty  | Units | Rate<br>(in Rs.) | Amount<br>(in Rs.) |
|-------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-------|------------------|--------------------|
| 25    | <p>Design, fabrication, supply, installation, testing and commissioning of double door, weather proof, dust &amp; vermin proof, duly painted, fully compartmentalised free standing type outdoor type Floor Mounted panel (with IP 54 protection) fabricated from 2mm thick CRCA sheet (Thickness of partition Minimum 1.6mm ) including making suitable size concrete foundation, suitable angle/ channels frame, providing suitable size of HDPE bend pipe in foundation for cable entry, supply and fixing of following switchgears and accessories complete with busbars, glands, plates, neutral link, interconnections, earth connections, CT's, ammeter and voltmeter with selector switches and LED phase indicating lamps etc complete as required as per tender specifications, site requirement and approved make. ( LT PANEL- OLD COLONY)</p> <p>Incomer:<br/> 250A, MCCB, 4P, 50 KA (Icu= 100% Ics) with extended rotary handle and spreaders - 02 Nos.<br/> Multi function meter (Shows Voltage, Current &amp; Frequency) with 3 line LCD Display of size 96 x 96 mm. - 02 Nos.<br/> Indication Lamp R, Y &amp; B (LED Type) -02 set<br/> Mechanical key lock (2 Lock + 1 Key)</p> <p>Outgoing :<br/> 125A, MCCB, 4P, 35-37 KA (Icu= 100% Ics) with extended rotary handle - 02 Nos.<br/> Indication Lamp R &amp; G (LED type) - 01 Set<br/> 63A, MCCB, 4P, 35-37 KA (Icu= 100% Ics) with extended rotary handle - 06 Nos.<br/> Indication Lamp R &amp; G (LED type) - 06 Set<br/> 40A, MCCB, 4P, 35-37 KA (Icu= 100% Ics) with extended rotary handle - 02 Nos.<br/> Indication Lamp R &amp; G (LED type) - 02 Set<br/> Digital Timer [ Current - 8A, Voltage- 240V AC, Opt. temp --10 to +55 Deg, multifunction Timer, Din rail Mount<br/> Contactor 3P, 63A - 01 Set</p> <p>Other :<br/> 400A Aluminium busbar, 4 Pole<br/> Necessary CT &amp; Control wiring arrangement<br/> Power terminal and other accessories</p> | 1.00 | Each  | 360000.00        | 360000.00          |
| 26    | <p>Design, fabrication, supply, installation, testing and commissioning of double door, weather proof, dust &amp; vermin proof, duly painted, out door feeder pillar made out of 2mm thick CRCA sheet (Thickness of partition Minimum 1.6mm ) of size 1200mm x 800mm x 400mm, having four frangible legs of suitable length each of angle iron 35mm X 35mm x 5 mm size and canopy cover in hut shape (size- more than 3 cm from feeder from all 4 side) , 4 Pole aluminium busbars of rating 200A, Incomer 125A, MCCB, 4P, 35-37 KA (Icu= 100% Ics) interconnected with busbars, painting and writing i/c danger plate, fixing with cement concrete (1:2:4) and also making the cement concrete bed (1:4:8) of radius one meter around the feeder pillar of 100mm thickness, providing suitable size of HDPE bend pipe in foundation for cable entry, etc. as per tender specification, site requirement.(Feeder panel -1 &amp; 2)</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 2.00 | Each  | 55000.00         | 110000.00          |

| Sl.No | Description of Work / Item(s)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Qty     | Units | Rate (in Rs.) | Amount (in Rs.) |
|-------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|-------|---------------|-----------------|
| 27    | Supply, Installation & Erection of 5 Mtr height hot dip galvanized octagonal pole of top minimum dia 70mm & Bottom minimum dia 130mm and 3mm thickness, minimum base plate of size 200x200x12mm welded to bottom of the pole having hinged lockable Terminal box door along with 4 Nos. foundation bolts with single arm tilt bracket of length approx. 600 mm for mounting of fitting suitable to mount for street light fittings at top including supply of foundation bolts manufactured from special steel along with nuts, washers etc., providing bake lite sheet with stud type 4 pole connectors of suitable rating, DIN Rail for mounting of MCB in the terminal box, 5A-32A DP MCB, 3Cx1.5 sq mm cu cable from connector to fitting connector, etc. as required. Erecting the same on cement concrete foundation with a concrete mixture of 1:3:6 (1 cement : 3 coarse sand : 6 graded stone aggregate 40 mm nominal size) foundation which also includes excavation and refilling, providing minimum 2 nos of L shape HDPE pipe in pole from bottom side etc. as required as site requirement and specification. | 30.00   | Each  | 11000.00      | 330000.00       |
| 28    | Supply and fixing of single arm tilt bracket of length approx. 600 mm for mounting of fitting suitable to mount for street light fittings at top of existing street pole including providing bake lite sheet with stud type 4 pole connectors of suitable rating, DIN Rail for mounting of MCB in the terminal box, 5A-32A DP MCB, 3Cx1.5 sq mm cu cable from connector to fitting connector which also includes removal of paver block, breaking of hard rock, excavation, refilling same, fixing of paver block as same and providing & fixing minimum 2 nos of L shape HDPE pipe in pole from bottom side etc. as required as site requirement and specification.                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 12.00   | Each  | 3000.00       | 36000.00        |
| 29    | Supply and fixing of round arm bracket of dia approx. 1200 mm for mounting of fitting suitable to mount for flood light fittings at top of existing street pole including providing bake lite sheet with stud type 4 pole connectors of suitable rating, DIN Rail for mounting of MCB in the terminal box, 5A-32A DP MCB, 3C x 2.5 sq mm cu cable from connector to fittings connector, termination with minimum 3 nos of fittings which also includes removal of paver block, breaking of hard rock, excavation, refilling same, fixing of paver block as same and providing & fixing minimum 2 nos of L shape HDPE pipe in pole from bottom side etc. as required as site requirement and specification.                                                                                                                                                                                                                                                                                                                                                                                                                  | 4.00    | Each  | 5000.00       | 20000.00        |
| 30    | Supply & fixing of 1Mtr wide & 2MM Thick, ISI marked Electrical Insulating Mats Confirming to IS: 15652 / 2006 with help of SR 998 Adhesives, Working voltage upto 3.3 KV.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 100.00  | Meter | 500.00        | 50000.00        |
| 31    | Earthing with G.I. earth pipe (B- Class) 4.5 metre long, 40 mm dia including accessories, and providing masonry enclosure with cover plate having locking arrangement and watering pipe etc. with charcoal/ coke and salt as required                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 6.00    | Set   | 5500.00       | 33000.00        |
| 32    | Earthing with G.I. earth plate 600 mm X 600 mm X 6 mm thick including accessories, and providing masonry enclosure with heavy duty cover plate having locking arrangement and watering pipe of 2.7 meter long etc. with charcoal/ coke and salt as required.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 6.00    | Set   | 6000.00       | 36000.00        |
| 33    | Supplying and laying 6 SWG G.I. wire at 0.50 meter below ground level for conductor earth electrode, including connection/ termination with GI thimble etc. as required.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 2775.00 | Meter | 25.00         | 69375.00        |
| 34    | Providing and fixing 6 SWG dia G.I. wire on surface or in recess for loop earthing as required.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 20.00   | Meter | 30.00         | 600.00          |
| 35    | Supplying and laying 25 mm X 5 mm G.I. strip at 0.50 meter below ground as strip earth electrode, including connection/ terminating with G.I. nut, bolt, spring, washer etc. as required. (Joining shall be done by overlapping and with 2 sets of G.I. nut bolt & spring washer spaced at 50mm)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 10.00   | Meter | 125.00        | 1250.00         |
| 36    | Providing and fixing 25 mm X 5 mm G.I. strip in 40 mm dia G.I. pipe including connection with G.I. nut, bolt, spring, washer excavation and re-filling etc. as required.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 70.00   | Meter | 600.00        | 42000.00        |
| 37    | Providing and fixing 25 mm X 5 mm GI strip on surface or in recess for connections etc. as required.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 25.00   | Meter | 190.00        | 4750.00         |

| Sl.No | Description of Work / Item(s)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Qty    | Units | Rate<br>(in Rs.) | Amount<br>(in Rs.) |
|-------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|-------|------------------|--------------------|
| 38.1  | 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.<br><b>4 X 16 sq. mm (28mm)</b>                                                                                                                                                                                                                                                                                                                                                                      | 5.00   | Each  | 350.00           | 1750.00            |
| 38.2  | 4 X 25 sq. mm (28mm)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 24.00  | Each  | 350.00           | 8400.00            |
| 38.3  | 3.5 X 50 sq. mm (35mm)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 1.00   | Each  | 350.00           | 350.00             |
| 38.4  | 3.5 X 70 sq. mm (38mm)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 2.00   | Each  | 370.00           | 740.00             |
| 38.5  | 3.5 X 95 sq. mm (45mm)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 3.00   | Each  | 500.00           | 1500.00            |
| 38.6  | 3.5 X 120 sq. mm (45mm)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 8.00   | Each  | 550.00           | 4400.00            |
| 38.7  | 3.5 X 240 sq. mm (62mm)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 1.00   | Each  | 800.00           | 800.00             |
| 39.1  | Supplying and making straight through cable jointing with heat shrinkable jointing kit complete with all accessories including ferrules suitable for following size of 3 core, XLPE aluminium conductor cable of 1.1 KV grade as required<br><b>4 X 16 sq. mm</b>                                                                                                                                                                                                                                                                                                                                           | 6.00   | Each  | 2000.00          | 12000.00           |
| 39.2  | 4 X 25 sq. mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 8.00   | Each  | 2000.00          | 16000.00           |
| 39.3  | 3.5 X 50 sq. mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 2.00   | Each  | 2200.00          | 4400.00            |
| 39.4  | 3.5 X 70 sq. mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 2.00   | Each  | 2800.00          | 5600.00            |
| 39.5  | 3.5 X 95 sq. mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 2.00   | Each  | 2900.00          | 5800.00            |
| 39.6  | 3.5 X 120 sq. mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 3.00   | Each  | 2900.00          | 8700.00            |
| 39.7  | 3.5 X 240 sq. mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 1.00   | Each  | 5500.00          | 5500.00            |
| 40    | Installation, testing and commissioning of pre-wired, fluorescent fitting / compact fluorescent fitting/LED fitting of all types upto height of 10 meter, complete with all accessories and tube etc. directly on ceiling/ false ceiling/ wall/ Pole/Banner,including connection with 1.5 sq. mm FRLS PVC insulated, copper conductor, single core cable and earthing etc. as required.<br>(supporting structure for fitting , rectification of reducer or adjustment of angle of light or minor cutting and welding etc as per site requirement and stairs/ scaffolding will be under scope of this item ) | 538.00 | Job   | 175.00           | 94150.00           |
| 41    | Installation, testing and commissioning of pre-wired, fluorescent fitting / compact fluorescent fitting/LED fitting of all types upto height of 20 meter, complete with all accessories and tube etc. directly on ceiling/ false ceiling/ wall/ Pole/Banner,including connection with 1.5 sq. mm FRLS PVC insulated, copper conductor, single core cable and earthing etc. as required.<br>(supporting structure for fitting , rectification of reducer or adjustment of angle of light or minor cutting and welding etc as per site requirement and boom lift/ scaffolding will be under scope this item ) | 158.00 | Job   | 500.00           | 79000.00           |
| 42    | SITC of 1 phase module, 24 Hours Programmable Digital Automatic Time Switch , 240V,50Hz, etc in suitable Enclosure as per site requirement (Make- Legrand, Cat No.- 412631, Model- ALPHAREX D22 or equivalent AAI approved make )                                                                                                                                                                                                                                                                                                                                                                           | 23.00  | Job   | 4800.00          | 110400.00          |

| Sl.No | Description of Work / Item(s)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Qty     | Units | Rate (in Rs.) | Amount (in Rs.)   |
|-------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|-------|---------------|-------------------|
| 43    | SITC of Computer for Fire control monitoring system having 13th Gen Intel® Core™ i7-13700 (13th Gen) Processor including Serial ports (RS232), media card reader, TCP/IP Giga Ethernet Network Adapter ,internal speaker and ports (USB 2.0- 02 Nos, USB 3.2 Gen 2- 1 No, USB 3.2 Gen 2x2 Type-C- 1 No.) and following accessories etc. complete with software all as specified<br>a) 16 GB, 2 x 8 GB, DDR5 RAM memory<br>b) 500 Gigabytes of hard disk space<br>c) 256 Gigabytes of M.2 SSD additional<br>c) DVD ROM<br>d) more than 22" Full HD, virtually borderless, IPS Panel colour monitor with suitable ports.<br>e) Mouse with Mouse Pad<br>f) English International keyboard (Plunger technology)<br>g) Windows 11 Pro Operating System<br>h) Graphics card- 6 GB<br>i) Warranty, Accidental Damage Protection and ProSupport service on Next Business Day Onsite for 36 Month(s) from OEM | 1.00    | Set   | 129725.00     | 129725.00         |
| 44    | SITC of UL/FM Listed VESDA Panel on the place of existing vesda panel suitable for integration with existing vesda panel (Make- System Sensor, Model- 9400X) and monitor module/ Computer system all accessories required as per site requirement. (Make- Honeywell, Model- VEP-A10-P or equivalent as per AAI preferred make list)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 3.00    | Set   | 450000.00     | 1350000.00        |
| 45    | Supply of resin for softener water treatment plant which having minimum exchange capacity 2.0 meq/ml and other technical data as per details mentioned in specification. (Make: ION Exchange, Model: INDION 225 Na or Equivalent)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 5200.00 | Ltrs  | 115.00        | 598000.00         |
| 46    | Removal,packing and placing of old resin (within airport premises) as directed by EIC, filling of new resin in the existing vessel, testing and comissioning of softener water plant, tools and other all minor accessories as per site requirement shall be arrange by agency.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 2.00    | Job   | 1000.00       | 2000.00           |
| 47    | SITC of touch free Stainless steel-Brushed (304L) airblade (without heating element) having high efficiency particulate air (HEPA) filtered ( cable to captures more than 99.90% of particles as small as 0.1 microns) , throw air speed more than 600 km/h, minimum operating airflow 22 Litre / second, Motor speed more than 70000 RPM, capable to hand dry in 10 sec (max), noise less than 85 dB , IP24, Maximum upto 950W motor suitable for 160-253 V, 50-60 Hz single phase supply and warranty for all parts for 05 years from OEM (Make- Dyson, model-air blade 9kJ or Equivalent)                                                                                                                                                                                                                                                                                                         | 8.00    | Job   | 75000.00      | 600000.00         |
|       | <b>TOTAL</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |         |       |               | <b>7024940.00</b> |

Seventy lakh Twenty Four Thousand Nine Hundred Forty Only)

GST shall be paid as per actual.

21/04/2024  
19/11/2024

(Sachin B.Khangar)  
JGM (E-E)  
AAI,CA,Vadodara

Signature Not Verified

Digitally signed by RAVINDER SINGH MEHROK  
Date: 2024.04.12 15:15:46 IST  
Location: eProcurement System for Central PSUs