

| SECTION 5 - BILL OF QUANTITIES | | | | | | |
|--------------------------------|---|------|-------|--|---------------------------|------------|
| LIGHTING | | | | | | |
| Item No | Description | Unit | Qty | Wipro Model | Unit Rate (Rs) in figures | Amount Rs. |
| F15.1600 | LIGHTING | | | | | - |
| F15.1601 | Supply, Installation, Testing and Commissioning of Battern Luminaries 1X 34W LED Fixture, IP 65 with - Surface mounting arrangement on wall or ceiling - Single piece channel construction made of powder coated CRCA white sheet steel Refer Technical Specification for requirements. | Nos | 1,200 | LE20-491-XXX-57-G1(40W) | | |
| F15.1602 | Supply, Installation, Testing and Commissioning of Battern Luminaries 1X 34W LED Fixture with self contained battery power pack, IP 65 with - Surface mounting arrangement on wall or ceiling - Single piece channel construction made of powder coated CRCA white sheet steel Refer Technical Specification for requirements. | Nos | 600 | LE20-491-XXX-57-G1(40W) | | |
| F15.1603 | Supply, Installation, Testing and Commissioning of Battern Luminaries 1X 30W LED Fixture with , IP 65 with - Recessed mounting arrangement (IP20) on wall or ceiling Refer Technical Specification for requirements. | Nos | 480 | LE20-491-XXX-57-G1(40W) | | |
| F15.1604 | Supply, Installation, Testing and Commissioning of Battern Luminaries 1X 30W LED Fixture with , IP 65 with self contained battery power pack - Recessed mounting arrangement (IP20) on wall or ceiling Refer Technical Specification for requirements. | Nos | 250 | LE20-491-XXX-57-G1(40W)- No battery pack | | |
| F15.1605 | Supply, Installation, Testing and Commissioning of Battern Luminaries 1X 41W 2'X2' LED Fixture, IP 65 with - Recessed mounting arrangement (IP40 from above & IP20 from below) on wall or ceiling Refer Technical Specification for requirements. | Nos | 330 | LC30-551-XXX-57-G1 | | |
| F15.1606 | Supply, Installation, Testing and Commissioning of Battern Luminaries 1X 41W 2'X2' LED Fixture with self contained battery power pack , IP 65 with - Recessed mounting arrangement (IP40 from above & IP20 from below) on wall or ceiling Refer Technical Specification for requirements. | Nos | 190 | LC30-551-XXX-57-G1 | | |
| F15.1607 | Supply, Installation, Testing and Commissioning of 1000W Metal Halide Floodlight lighting Fixtures for bay areas,local panel board. Refer Technical Specification & drawings for requirements. | Nos | 235 | Rgret | | |
| F15.1608 | Supply, Installation, Testing and Commissioning of 1X2W Emergency Exit lighting Fixtures, IP30 with self contained battery power pack. Refer Technical Specification & drawings for requirements. | Nos | 600 | Regret | | |
| F15.1900 | LIGHTING | | | | | |
| | Supply of LED based Flood light, housing made up of pressure die least aluminum Alloy with effective thermal management.sturdiness. The fixture should have a minimum system efficacy of 110 lumen/Watt and a minimum system lumen output of 45000 lumens and maximum system wattage of 400 Watts.The fixture shall have a CRI of minimum 70. The fixture shall be designed for a system life of 50,000 hours @70% lumen maintenance. Ingress Protection of IP66 (lamp and gear Compartment)and IK protection of IK08.The fixture driver should have an operating voltage range of 140-270 V, and wide operating temerature -40degC to 50degC surge protection of >=10KV, PF >0.9 and THD<10%.The fixture should comply with the parameters as per IS10322.LM 79 and LM80 reports need to be submitted from a NABL/UL accredited lab to verify above parameters | Nos | 36 | LF20-442-060-57-XX(350W) | | |
| F1.500 | INDOOR LIGHTING | | | | | |
| F1.501 | Supply, installation, Testing and commissioning of batten luminaries 1x34 W LED Fixture, IP 65 with - Surface mounting arrangement on wall or ceiling - Single piece channel construction made of powder coated CRCA white sheet steel Refer Technical Specification for requirements | Nos | 90 | LE20-491-XXX-57-G1(40W) | | |
| F1.502 | Supply, installation, Testing and commissioning of batten luminaries 1x34 W LED Fixture with self contained battery power pack, IP 65 with - Surface mounting arrangement on wall or ceiling - Single piece channel construction made of powder coated CRCA white sheet steel Refer Technical Specification for requirements | Nos | 40 | LE20-491-XXX-57-G1(40W) | | |
| F15.1800 | HIGH MAST | | | | | |
| | Supply & installation of Galvanized steel high mast lighting system 60 meter high, in two section, 3 mm section thickness, top dia 150 mm, bottom dia 540 mm, with stainless steel 2 wire rope system and its accessories , suitable for loading 11 nos 210W LED lights | Nos | 1 | LF20-272-060-57-G2(200W) only flood light. Not high mast- Unit rate quoted | | |