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**BUILDING CONSTRUCTION DEPARTMENT**



**SCHEDULE OF RATES**

**2023**

**(ELECTRICAL)**

4th Edition

Effective From 01.09.2023

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## **BUILDING CONSTRUCTION DEPARTMENT BIHAR**

**Published by :**

**BUILDING CONSTRUCTION DEPARTMENT  
BIHAR, PATNA**

## प्रस्तावना

बिहार लोक निर्माण संहिता की कंडिका-103 के संशोधन के आलोक में बिहार सरकार, पथ निर्माण विभाग द्वारा निर्गत संकल्प-सह-पठित ज्ञापांक-01/बी0-12-2003-5762(एस0) डब्लू0 ई0 पटना, दिनांक-05.06.2006 में यह प्रावधान किया गया है कि अनुसूचित दर के निर्धारण के लिए दर विश्लेषण Format तथा सामग्रियों का दर निर्धारण पथ निर्माण विभाग, बिहार, पटना के संयोजन में गठित राज्य स्तरीय अनुसूचित दर निर्धारण समिति द्वारा किया जायेगा । वर्तमान में राज्य स्तरीय अनुसूचित दर निर्धारण समिति के सदस्य निम्न प्रकार है :-

- |     |  |   |        |
|-----|--|---|--------|
| (1) | अभियंता प्रमुख (मुख्यालय), पथ निर्माण विभाग, बिहार, पटना           | - | संयोजक |
| (2) | अभियंता प्रमुख, ग्रामीण कार्य विभाग, बिहार, पटना                   | - | सदस्य  |
| (3) | अभियंता प्रमुख, भवन निर्माण विभाग, बिहार, पटना                     | - | सदस्य  |
| (4) | अभियंता प्रमुख (मुख्यालय), जल संसाधन विभाग, बिहार, पटना            | - | सदस्य  |
| (5) | अभियंता प्रमुख, लघु जल संसाधन विभाग, बिहार, पटना                   | - | सदस्य  |
| (6) | अभियंता प्रमुख, लोक स्वास्थ्य अभियंत्रण विभाग, बिहार, पटना         | - | सदस्य  |
| (7) | अभियंता प्रमुख, तकनीकी परीक्षण कोषांग, निगरानी विभाग, बिहार, पटना  | - | सदस्य  |
| (8) | मुख्य अभियंता (विद्युत), भवन निर्माण विभाग, बिहार, पटना            | - | सदस्य  |
| (9) | मुख्य अभियंता (असैनिक), बिहार स्टेट पॉवर होल्डिंग कम्पनी लि0, पटना | - | सदस्य  |

बिहार लोक निर्माण संहिता की कंडिका-103 में संशोधन के पश्चात् राज्यस्तरीय दर निर्धारण समिति द्वारा अनुमोदित विद्युत सामग्रियों का दर एवं कार्य मर्दों के फॉरमेट के आधार पर विद्युत अनुसूचित दर पुस्त का प्रथम संस्करण (दिनांक-24.04.2009) ऊर्जा विभाग, बिहार, पटना, द्वितीय संस्करण (दिनांक-01.10.2016) एवं तृतीय संस्करण (दिनांक-27.09.2018) भवन निर्माण विभाग, बिहार, पटना द्वारा लागू किया गया था । राज्यस्तरीय अनुसूचित दर निर्धारण समिति द्वारा विद्युत सामग्रियों, श्रम दर के पुनरीक्षण एवं अन्य निर्णय के आलोक में दिनांक-27.09.2018 से प्रभावी अनुसूचित दर को पुनरीक्षण करना आवश्यक हो गया था । इस परिप्रेक्ष्य में राज्यस्तरीय अनुसूचित दर निर्धारण समिति द्वारा अनुमोदित विद्युत सामग्रियों एवं श्रम दर के आधार पर अनुसूचित दर का चतुर्थ संस्करण तैयार किया गया है, जिसमें निम्नलिखित प्रावधान किये गये हैं :-

- (i) संयोजक, राज्यस्तरीय अनुसूचित दर निर्धारण समिति-सह-अभियंता प्रमुख-सह-अपर आयुक्त-सह-विशेष सचिव, पथ निर्माण विभाग, बिहार, पटना के पत्रांक-मु0नि0 (पथ)-11/2007

(अंश-II)/15 (अनु0), दिनांक-04.05.2023 एवं पत्रांक-मु0नि0 (पथ)-04/2006 (अंश-III)/10 (अनु0), दिनांक-28.04.2023 द्वारा विद्युत अनुसूचित दर में प्रयुक्त होनेवाले Basic दर के अनुमोदन के फलस्वरूप संबंधित कार्य मदों के दर विश्लेषण में इसका समावेश किया गया है ।

(ii) संयोजक, राज्य स्तरीय अनुसूचित दर निर्धारण समिति-सह-अभियंता प्रमुख-सह-अपर आयुक्त-सह-विशेष सचिव, पथ निर्माण विभाग, बिहार, पटना के पत्रांक-मु0नि0 (पथ)-11/2007 (अंश-II)/15 (अनु0), दिनांक-04.05.2023 द्वारा कार्य मदों का दर विश्लेषण एवं विद्युत अनुसूचित दर के पुस्तिका का चतुर्थ संस्करण अनुमोदित किया गया है ।

(iii) राज्यस्तरीय अनुसूचित दर निर्धारण समिति द्वारा अनुमोदित विद्युत सामग्रियों के Basic दर में किसी तरह का Tax यथा GST, Royalty आदि शामिल नहीं है ।

(iv) कार्य मदों के Finished rate में राज्यस्तरीय अनुसूचित दर निर्धारण समिति-सह-अभियंता प्रमुख-सह-अपर आयुक्त-सह-विशेष सचिव, पथ निर्माण विभाग, बिहार, पटना द्वारा अनुमोदित Format के आधार पर Item Rate, GST, Labour Cost, Overheads & Profit and Labour Cess के साथ दिया गया है ।

(v) प्रत्येक कार्य मद में राज्यस्तरीय अनुसूचित दर निर्धारण समिति/केन्द्रीय लोक निर्माण विभाग के अनुमोदित Format के अनुसार GST-18% का प्रावधान Reverse Calculation के आधार पर किया गया है ।

(vi) दर विश्लेषण में श्रमिक कल्याण कोष हेतु 1% (एक प्रतिशत) Labour Cess का प्रावधान किया गया है ।

(vii) वर्तमान अनुसूचित दर पुस्त में अल्युमिनियम वॉयरिंग की उपयोगिता नहीं रहने तथा असुरक्षित होने के दृष्टिकोण से इससे संबंधित कार्य मदों को विलोपित किया गया है । साथ ही, FR Copper Conductor Cable के स्थान पर FRLS Copper Conductor Cable का प्रावधान किया गया है ।

(viii) बिहार लोक निर्माण संहिता की कंडिका-103 के संशोधन के उपरान्त यह विद्युत अनुसूचित दर पुस्त का चतुर्थ संस्करण है । यद्यपि, यह सभी सदस्यों के देख-रेख में सावधानीपूर्वक तैयार किया गया है, फिर भी ऐसी संभावना है कि कुछ त्रुटियाँ रह गई हो, जो व्यवहार के क्रम में दृष्टिगोचर हो सकती है । ऐसी स्थिति में अनुरोध है कि उन त्रुटियों की जानकारी अविलम्ब मुख्य विद्युत अभियंता, भवन निर्माण विभाग, बिहार, पटना को दूरभाष संख्या-0612-2547059 अथवा व्यक्तिगत रूप से दी जाय, ताकि सम्यक् विचारोपरान्त उक्त त्रुटियों का समुचित निराकरण किया जा सके ।

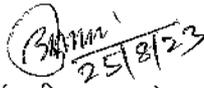
भवन निर्माण विभाग, बिहार, पटना के विद्युत अनुसूचित दर के पुनरीक्षण एवं वर्तमान संस्करण तैयार करने तथा उक्त को प्रभावी बनाने में श्री रमेन्द्र कुमार, विद्युत अधीक्षण अभियंता, विद्युत कार्य अंचल, दक्षिण



बिहार, पटना, श्री प्रसून कुमार, विद्युत अधीक्षण अभियंता, विद्युत कार्य अंचल, उत्तर बिहार, पटना, श्री आदित्य राज, मुख्य विद्युत अभियंता के सचिव (प्रा0), भवन निर्माण विभाग, बिहार, पटना, श्री ज्ञान रत्न, विद्युत कार्यपालक अभियंता, विद्युत कार्य प्रमंडल संख्या-02, पटना, श्री बलवीर चन्द्र भारती, विद्युत कार्यपालक अभियंता, विद्युत कार्य प्रमंडल संख्या-03, पटना, श्री अनिल कुमार, विद्युत कार्यपालक अभियंता, विद्युत कार्य प्रमंडल संख्या-01, पटना, श्री प्रणव कुमार, विद्युत कार्यपालक अभियंता, विद्युत कार्य प्रमंडल, मुंगेर, श्रीमती खुशबू कुमारी, प्राक्कलन पदाधिकारी, विद्युत कार्य अंचल, दक्षिण बिहार, पटना, श्री अनुप कुमार सिंह, प्राक्कलक, विद्युत कार्य अंचल, उत्तर बिहार एवं श्री अनिल कुमार, प्राक्कलक, विद्युत कार्य अंचल, दक्षिण बिहार, पटना का अथक परिश्रम एवं सहयोग रहा है, जिसके लिए विभाग इनकी सराहना करती है ।

राज्य अनुसूचित दर निर्धारण समिति के अध्यक्ष एवं सभी सदस्यों के साथ-साथ विभागीय दर निर्धारण समिति के सभी पदाधिकारियों को भी अनुसूचित दर पुस्तिका के पुनरीक्षण, सहयोग एवं सुझावों के लिए उनके प्रति आभार प्रकट किया जाता है । श्री अशोक चौधरी, माननीय मंत्री, भवन निर्माण विभाग, बिहार को उनके मार्गदर्शन एवं प्रेरणा हेतु कृतज्ञता व्यक्त की जाती है । श्री कुमार रवि, सचिव, भवन निर्माण विभाग, बिहार, पटना एवं श्री मनीष कुमार, विशेष सचिव, भवन निर्माण विभाग, बिहार, पटना, श्री राजेश कुमार सिंह, संयुक्त सचिव, भवन निर्माण विभाग, बिहार, पटना को मार्गदर्शन, प्रेरणा एवं दर पुनरीक्षण हेतु उनके द्वारा दिये गये मूल्यवान सुझाव के लिए कृतज्ञता व्यक्त की जाती है ।

यह अनुसूचित दर पुस्तिका दिनांक- 01.09.2023 से प्रभावी किया जाता है ।

  
(असीम कुमार)

मुख्य विद्युत अभियंता,  
भवन निर्माण विभाग, बिहार, पटना ।

  
(राकेश कुमार)

अभियंता प्रमुख-सह-अपर आयुक्त-सह-विशेष सचिव,  
भवन निर्माण विभाग, बिहार, पटना ।



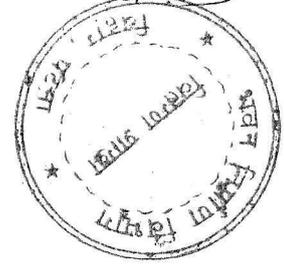
बिहार सरकार  
राज्य स्तरीय अनुसूचित दर निर्धारण समिति  
पथ निर्माण विभाग, बिहार, पटना।  
E-mail ID-sorrcd2012@gmail.com

पत्रांक :- मु0नि0(पथ)-11/2007 (अंश-II) 15 (अनु०) पटना दिनांक :- 04/05/23  
प्रेषक,

हनुमान प्रसाद चौधरी,  
संयोजक  
राज्य स्तरीय अनुसूचित दर निर्धारण समिति  
-सह-अभियंता प्रमुख (मुख्यालय),  
पथ निर्माण विभाग, बिहार, पटना।

सेवा में,

अभियंता प्रमुख-सह-अपर आयुक्त  
-सह-विशेष सचिव,  
भवन निर्माण विभाग, बिहार, पटना।



विषय :- भवन निर्माण विभाग, बिहार, पटना अंतर्गत अनुमोदित विद्युत सामग्रियों एवं विद्युत अनुसूचित दर पुस्तिका-2023 के प्रेषण के संबंध में।

प्रसंग :- आपका पत्रांक-2440(भ0)अनु० दिनांक-17.03.2023 एवं पत्रांक-3208(भ0)अनु० दिनांक 20.04.2023

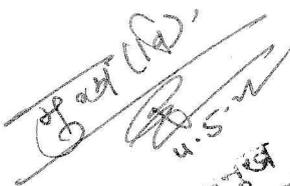
महाशय,

उपर्युक्त विषय के संदर्भ में कहना है कि राज्य स्तरीय अनुसूचित दर निर्धारण समिति की दिनांक 26.04.2023 को आहूत बैठक में भवन निर्माण विभाग, बिहार, पटना के अंतर्गत विद्युत उपभाग के लिए अनुमोदित विद्युत सामग्रियों एवं विद्युत अनुसूचित दर पुस्तिका-2023 की प्रति भेजी जा रही है। यदि नई स्वीकृत दरों में कोई त्रुटि या विसंगति परिलक्षित हुई, तो इसकी सूचना अधोहस्ताक्षरी को अविलम्ब देने की कृपा की जाय।

- अनु०- 1. विद्युत सामग्रियों एवं विद्युत अनुसूचित दर पुस्तिका-2023 की छाया प्रति (58 पृष्ठ में)।  
2. दर-विश्लेषण की छाया प्रति (296 पृष्ठ में)।

विश्वासभाजन,

  
4.5.23  
(हनुमान प्रसाद चौधरी)  
04/5/23

  
4.5.23

भवन निर्माण विभाग  
3208(भ0)अनु०  
20/4/23

3208(भ0)अनु०  
20/4/23

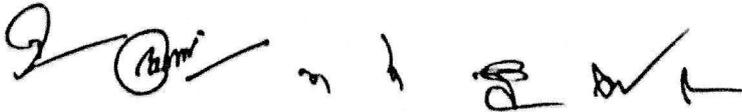
(5) (277)

**दिनांक-26.04.2023 को आहूत राज्य स्तरीय अनुसूचित दर निर्धारण समिति, बिहार की बैठक की कार्यवाही में लिए गए निर्णय :-**

- 1. श्रम दर को अद्यतन करने के संबंध में :-** श्रम संसाधन विभाग, बिहार, पटना की अधिसूचना संख्या-5 एम०डब्लू०-04-16/2021-श्र०सं०-1687 पटना, दिनांक 31.03.2023 के आलोक में पथ निर्माण कार्यों में प्रयुक्त 72 प्रकार के विभिन्न कर्मियों तथा बाँध निर्माण एवं सिंचाई कार्यों के लिए प्रयुक्त 71 प्रकार के कर्मियों के न्यूनतम श्रम दर का अनुमोदन सदस्यों द्वारा पूर्ण विचारोपरांत सर्वसम्मति से संलग्न संशोधित न्यूनतम दैनिक मजदूरी अनुमोदन सूची तथा अनुसूची-I एवं II के अनुसार करने का निर्णय लिया गया। समिति के सदस्यों द्वारा निर्णय लिया गया कि यह दर पथ निर्माण विभाग, भवन निर्माण विभाग, ग्रामीण कार्य विभाग, लोक स्वास्थ्य अभियंत्रण विभाग एवं अन्य कार्य विभागों के उपयोग में लाया जा सकता है। इसके अतिरिक्त समिति के सभी सदस्यों द्वारा पूर्ण विचारोपरांत सर्वसम्मति से MoRT&H Standard Data Book-2019 (2<sup>nd</sup> Revision) के दर-विश्लेषण में प्रयुक्त होनेवाले श्रम दर को अनुसूची-III के अनुसार अनुमोदित करने का निर्णय लिया गया।
- 2. भवन निर्माण विभाग, बिहार के अनुसूचित दर पुस्त-2023 को प्रकाशित करने हेतु भवन निर्माण कार्यों में प्रयुक्त होनेवाले निर्माण सामग्रियों के दर-पुनरीक्षण के संबंध में:-** अभियंता प्रमुख-सह-अपर आयुक्त-सह-विशेष सचिव, भवन निर्माण विभाग, बिहार के माध्यम से विभागीय अनुसूचित दर निर्धारण समिति की अनुषंसा के साथ वर्ष 2023-24 के लिए लागू की जानेवाली भवन निर्माण विभाग के अनुसूचित दर के लिए भवन निर्माण कार्यों में प्रयुक्त होनेवाली निर्माण सामग्रियों का दर प्राप्त हुआ है। सी०पी०डब्लू०डी०, डी०एस०आर०, नई दिल्ली द्वारा वर्ष-2021 के बाद दर का पुनरीक्षण नहीं किया गया है। इस प्रकार जो दर वर्ष-2022 के अनुसूचित दर में सीधे डी०एस०आर० 2021 से लिए गए थे, उन सभी दरों में Whole Price Index (WPI) में दिसम्बर-2021 से जनवरी-2023 के बीच "All Commodities" मद में हुई वृद्धि अर्थात् 5.0% की दर से वृद्धि की गयी है। ऐसे सामग्रियों का मद जो पूर्व से भवन निर्माण विभाग द्वारा प्रकाशित अनुसूचित दर में शामिल है, परन्तु डी०एस०आर० में अथवा राज्यस्तरीय अनुसूचित दर निर्धारण समिति द्वारा अनुमोदित दर में शामिल नहीं है, को पूर्व के दर में WPI में हुई वृद्धि अर्थात् 5.0% की दर से वृद्धि की गयी है।

प्रस्तावित दर में कतिपय दर जो कि राज्यस्तरीय अनुसूचित दर निर्धारण समिति द्वारा समय-समय पर अद्यतन रूप से अनुमोदित है, को सीधे लिया गया है।

भवन निर्माण विभाग के प्रस्ताव पर समिति द्वारा सम्यक विचारोपरांत सर्वसम्मति से वर्ष 2023-24 के लिए भवन निर्माण से संबंधित निर्माण सामग्रियों के दर को संलग्न विवरणी के अनुसार अनुमोदित करने का निर्णय लिया गया।
- 3. भवन निर्माण विभाग, बिहार, पटना के अंतर्गत विद्युत अनुसूचित दर-2023 के लिए विद्युत सामग्रियों के पुनरीक्षण के संबंध में :-** अभियंता प्रमुख, भवन निर्माण विभाग, बिहार द्वारा भवन निर्माण विभाग अंतर्गत विद्युत उपभाग के लिए विद्युत सामग्रियों का दर-प्रस्ताव दिया गया है।



3/6 (5)

समिति द्वारा सम्यक विचारोपरांत सर्वसम्मति से भवन निर्माण विभाग, बिहार के विद्युत उपभाग से संबंधित प्राप्त प्रस्ताव के आलोक में भवन निर्माण विभाग अंतर्गत विद्युत उपभाग में प्रयुक्त की जानेवाली विभिन्न प्रकार के विद्युत सामग्रियों का दर संलग्न सूची के अनुसार अनुमोदित करने का निर्णय लिया गया।

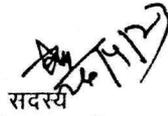
4. भवन निर्माण विभाग, बिहार, पटना के अंतर्गत विद्युत अनुसूचित दर-2023 के अनुमोदन के संबंध में :- अभियंता प्रमुख, भवन निर्माण विभाग, बिहार द्वारा भवन निर्माण विभाग अंतर्गत विद्युत उपभाग के लिए विद्युत अनुसूचित दर पुस्त-2023 के अनुमोदन हेतु प्रस्ताव दिया गया है। समिति द्वारा सम्यक विचारोपरांत सर्वसम्मति से भवन निर्माण विभाग, बिहार से प्राप्त प्रस्ताव के अनुसार विद्युत अनुसूचित दर पुस्त-2023 को अनुमोदित करने का निर्णय लिया गया।
5. Jindal Stainless Ltd (JSL) कलकत्ता के Products यथा-Structural Stainless Steel, Girders Chequered Plates etc. को अनुसूचित दर में शामिल करने के संबंध में:- इस संबंध में संज्ञान में लाया गया कि पुल निर्माण में Chequered Plate का उपयोग किया जाता है। इसके अतिरिक्त भवन निर्माण विभाग में भी Structural Stainless Steel का उपयोग होता है। समिति द्वारा इस संबंध में पुल निर्माण निगम एवं भवन निर्माण विभाग से उपयोगिता से संबंधित जानकारी प्राप्त करने का निर्णय लिया गया है।
6. Jindal Steel & Power Ltd के Product TMT Bar-Jindal Panther को अनुसूचित दर में शामिल करने के संबंध में :- इस संबंध में समेकित रूप में अलग से विचार किया जाएगा।

बैठक सधन्यवाद समाप्त।

  
26/4/23

सदस्य

राज्य स्तरीय अनुसूचित दर  
निर्धारण समिति-सह-  
अभियंता प्रमुख, भवन निर्माण  
विभाग, बिहार, पटना।

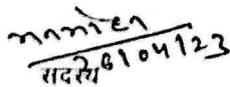
  
26/4/23

सदस्य

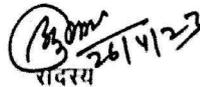
राज्य स्तरीय अनुसूचित दर  
निर्धारण समिति-सह-  
अभियंता प्रमुख, ग्रामीण कार्य  
विभाग, बिहार, पटना।

सदस्य

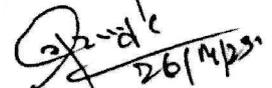
राज्य स्तरीय अनुसूचित दर  
निर्धारण समिति-सह-  
अभियंता प्रमुख, लघु जल संसाधन  
विभाग, बिहार, पटना।

  
सदस्य 26/4/23

राज्य स्तरीय अनुसूचित दर  
निर्धारण समिति-सह-  
मुख्य अभियंता (अरीनिक) बिहार  
स्टेट पावर होल्डिंग कंपनी लि०,  
बिहार, पटना।

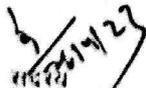
  
सदस्य 26/4/23

राज्य स्तरीय अनुसूचित दर  
निर्धारण समिति-सह-  
मुख्य अभियंता, (विद्युत) भवन  
निर्माण विभाग, बिहार, पटना।

  
26/4/23

सदस्य

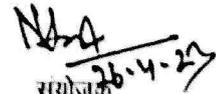
राज्य स्तरीय अनुसूचित दर  
निर्धारण समिति-सह-  
अभियंता प्रमुख, तकनीकी परीक्षक  
कोषांग, निगरानी विभाग, बिहार,  
पटना।

  
सदस्य 26/4/23

राज्य स्तरीय अनुसूचित दर  
निर्धारण समिति-सह अभियंता  
प्रमुख, लोक स्वास्थ्य अभियंत्रण  
विभाग, बिहार, पटना।

सदस्य

राज्य स्तरीय अनुसूचित दर  
निर्धारण समिति-सह-  
अभियंता प्रमुख, मुख्यालय जल  
संसाधन विभाग, बिहार, पटना।

  
संयोजक 26.4.23

राज्य स्तरीय अनुसूचित दर  
निर्धारण समिति-सह-  
अभियंता प्रमुख (मुख्यालय),  
पथ निर्माण विभाग, बिहार, पटना।

(5) (28)

बिहार सरकार

राज्य स्तरीय अनुसूचित दर निर्धारण समिति  
पथ निर्माण विभाग, बिहार, पटना।

E-mail ID-sorrcd2012@gmail.com

पत्रांक :- गु0नि0(पथ)-04/2006-(अंश-III) | 0 (अनु0) पटना दिनांक :- 28/04/2023  
प्रेषक,

हनुमान प्रसाद चौधरी,  
संयोजक  
राज्य स्तरीय अनुसूचित दर निर्धारण समिति  
-सह-अभियंता प्रमुख (मुख्यालय),  
पथ निर्माण विभाग, बिहार, पटना।

सेवा में,

1. अभियंता प्रमुख,  
ग्रामीण कार्य विभाग-सह-सदस्य राज्य स्तरीय अनुसूचित दर निर्धारण समिति, बिहार, पटना।
2. अभियंता प्रमुख (मुख्यालय),  
जल संसाधन विभाग-सह-सदस्य राज्य स्तरीय अनुसूचित दर निर्धारण समिति, बिहार, पटना।
3. अभियंता प्रमुख,  
लोक स्वास्थ्य अभियंत्रण विभाग-सह-सदस्य राज्य स्तरीय अनुसूचित दर निर्धारण समिति, बिहार, पटना।
4. अभियंता प्रमुख,  
तकनीकी परीक्षक कोषांग, निगरानी विभाग-सह-सदस्य राज्य स्तरीय अनुसूचित दर निर्धारण समिति, बिहार, पटना।
5. अभियंता प्रमुख,  
भवन निर्माण विभाग-सह-सदस्य राज्य स्तरीय अनुसूचित दर निर्धारण समिति, बिहार, पटना।
6. अभियंता प्रमुख,  
लघु जल संसाधन विभाग-सह-सदस्य राज्य स्तरीय अनुसूचित दर निर्धारण समिति, बिहार, पटना।
7. मुख्य अभियंता (अरौनिक),  
बिहार स्टेट पावर होल्डिंग कंपनी लिमिटेड-सह-सदस्य राज्य स्तरीय अनुसूचित दर निर्धारण समिति, बिहार, पटना।
8. मुख्य अभियंता (विद्युत),  
भवन निर्माण विभाग-सह-सदस्य राज्य स्तरीय अनुसूचित दर निर्धारण समिति, बिहार, पटना।

आगरा  
28/4/23

प्र. पदक  
28/4/23

968  
4/5/23

विषय :- राज्य स्तरीय अनुसूचित दर निर्धारण समिति द्वारा दिनांक-26.04.2023 की बैठक में अनुमोदित श्रम दर (Schedule-I, II & III) एवं कार्यवाही की प्रति के प्रेषण के संबंध में।

महाशय,

उपर्युक्त विषय के संबंध में कहना है कि दिनांक-28.04.2023 की बैठक में राज्य स्तरीय अनुसूचित दर निर्धारण समिति द्वारा अनुमोदित श्रम दर (Schedule-I, II & III) एवं बैठक की कार्यवाही की प्रति आवश्यक कार्रवाई हेतु संलग्न की जाती है।

- अनु0-1. अनुमोदित श्रम दर (Schedule-I, II & III)  
2. कार्यवाही की प्रति।

विश्वासभाजन,

28.4.23  
(हनुमान प्रसाद चौधरी)  
28/4/23

(58) (288)

राज्यस्तरीय अनुसूचित दर निर्धारण समिति की दिनांक- 26.04.2023 की बैठक में निर्माण कार्य (सड़कें, बाँध तथा सिंचाई कार्य) में नियोजित विभिन्न श्रेणी के मजदूरों का संशोधित न्यूनतम दैनिक मजदूरी का अनुमोदन :-

जनवरी, 2022 से जून, 2022 तक का औसत मूल्य सूचकांक श्रम संसाधन विभाग, बिहार सरकार के ज्ञापांक-5/एम.डब्लू.-40-16/2021-श्र0सं0-3808 पटना/दिनांक-30.09.2022 के अनुसार 8346.60 है। जुलाई, 2022 से दिसम्बर, 2022 तक का औसत मूल्य सूचकांक श्रम संसाधन विभाग, बिहार सरकार के अधिसूचना सं.-5/एम डब्लू0-40-16/2021-श्र0सं0-1687 पटना/दिनांक-31.03.2023 के अनुसार 8641.33 है।

सूचकांक में वृद्धि= (8641.33-8346.60)=294.73

सूचकांक में प्रतिशत वृद्धि= (294.73/8346.60)×100=3.53%

औसत मूल्य सूचकांक ( जनवरी, 2022 से जून, 2022 तक )पर आधारित न्यूनतम श्रम दर की सूची अनुसूची 'I' एवं 'II' के स्तम्भ '6' पर अंकित है। इसी स्तम्भ के अंकित दर में 3.53% वृद्धि कर न्यूनतम श्रम दर की गणना कर स्तम्भ '7' पर अंकित कर दी गयी है।

श्रम संसाधन विभाग, बिहार, पटना का अधिसूचना सं.-5 /एम डब्लू0-40-16/2021-श्र0सं0-1687 पटना/दिनांक-31.03.2023 के आलोक में अनुसूचित दर पुनरीक्षण हेतु उपरोक्त वृद्धि को सम्मिलित करते हुए निर्माण कार्य, सड़कें, बाँध निर्माण तथा सिंचाई कार्य में नियोजित दैनिक मजदूरों के न्यूनतम दैनिक मजदूरी में संशोधन के लिए संलग्न अनुसूची-I तथा II के स्तम्भ '7' के अनुसार राज्यस्तरीय अनुसूचित दर निर्धारण समिति द्वारा सहमति प्रदान की जाती है। यह दर पथ निर्माण विभाग, भवन निर्माण विभाग, ग्रामीण कार्य विभाग, लोक स्वास्थ्य अभियंत्रण विभाग एवं अन्य कार्य विभाग अंतर्गत कराये जाने वाले समरूप कार्य के उपयोग में भी लाया जा सकेगा। Schedule-I के लिए Serial No1,2,3,4,5,6,70,71 एवं 72 पर अंकित श्रमदर, श्रम संसाधन विभाग का अधिसूचना सं.-5/एम डब्लू0-40-16/2021-श्र0सं0-1687 पटना/दिनांक-31.03.2023 में अंकित श्रम दर के अनुसार लिया गया है एवं शेष श्रम दर, श्रम संसाधन विभाग के उक्त अधिसूचना में अंकित औसत मूल्य सूचकांक में परिवर्तन के आधार पर संगणित किया गया है। इसी प्रकार Schedule-II के लिए क्रमांक 1, 69, 70 एवं 71 पर अंकित श्रमदर, श्रम संसाधन विभाग का अधिसूचना सं.-5/एमडब्लू0-40-16/2021-श्र0सं0-1687 पटना/दिनांक-31.03.2023, में अंकित श्रम दर के अनुसार लिया गया है एवं शेष श्रम दर, श्रम संसाधन विभाग के उक्त अधिसूचना में अंकित औसत मूल्य सूचकांक में परिवर्तन के आधार पर संगणित किया गया है। विशेष जानकारी हेतु श्रम संसाधन विभाग, बिहार सरकार का श्रम संसाधन विभाग, बिहार, पटना का अधिसूचना सं.-5/एम डब्लू0-40-16/2021-श्र0सं0-1687 पटना/दिनांक-31.03.2023 द्रष्टव्य। इसके अतिरिक्त MoRT&H Standard Data Book 2019(2nd Revision) के दर विश्लेषण में प्रयुक्त होनेवाले श्रमदर Schedule III के अनुसार जो Schedule -I पर आधारित है, समिति के सदस्यों के द्वारा सर्वसम्मति से अनुमोदित करने का निर्णय लिया गया। विशेष जानकारी हेतु श्रम संसाधन विभाग, बिहार सरकार का अधिसूचना सं.-5/एम डब्लू0-40-16/2021-श्र0सं0-1687 पटना/दिनांक- 31.03.2023 द्रष्टव्य। उक्त दर (Schedule I, II,III) श्रम संसाधन विभाग, बिहार पटना की अधिसूचना संख्या-5/एम डब्लू0-40-16/2021-श्र0सं0-1687 पटना/दिनांक-31.03.2023 में अंकित तिथि 01.04.2023 से प्रभावी होगा।

अनु.- I, II एवं III

26/04/23

राज्य स्तरीय अनुसूचित दर निर्धारण समिति-सह-अभियंता प्रमुख, भवन निर्माण विभाग, बिहार, पटना।

26/04/23

सदस्य राज्य स्तरीय अनुसूचित दर निर्धारण समिति-सह-अभियंता प्रमुख, ग्रामीण कार्य विभाग, बिहार, पटना।

26/04/23

सदस्य राज्य स्तरीय अनुसूचित दर निर्धारण समिति-सह-अभियंता प्रमुख, लघु जल संसाधन विभाग, बिहार, पटना।

26/04/23

राज्य स्तरीय अनुसूचित दर निर्धारण समिति-सह-मुख्य अभियंता (अतीतिक) बिहार स्टेट पावर लिमिटेड कम्पनी लि0, बिहार, पटना।

26/04/23

सदस्य राज्य स्तरीय अनुसूचित दर निर्धारण समिति-सह-मुख्य अभियंता, (किपुल) भवन निर्माण विभाग, बिहार, पटना।

26/04/23

सदस्य राज्य स्तरीय अनुसूचित दर निर्धारण समिति-सह-अभियंता प्रमुख, तकनीकी परीक्षक कोषांग, निगरानी विभाग, बिहार, पटना।

26/04/23

सदस्य राज्य स्तरीय अनुसूचित दर निर्धारण समिति-सह-अभियंता प्रमुख, लोक स्वास्थ्य अभियंत्रण विभाग, बिहार, पटना।

26/04/23

सदस्य राज्य स्तरीय अनुसूचित दर निर्धारण समिति-सह-अभियंता प्रमुख, (मुख्यालय) जल संसाधन विभाग, बिहार, पटना।

26/04/23

सदस्य राज्य स्तरीय अनुसूचित दर निर्धारण समिति-सह-अभियंता प्रमुख (मुख्यालय) पथ निर्माण विभाग, बिहार, पटना।



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### 0.1 BASIC RATE OF LABOUR & HIRE CHARGES

Note :- Labour rates are exclusive of contractor's profit & overhead . Hire charges include the operating staff and lubricating oil & diesel etc.

Code No.	DESCRIPTION	Unit	Rate
9001	Wireman	day	431.00
9002	Lineman	day	431.00
9003	Fitter, Grade 1	day	511.00
9004	Fitter, Grade2	day	449.00
9005	Painter	day	476.00
9006	Khallasi	day	373.00
9007	Carpenter, Grade 1	day	503.00
9008	Blacksmith, Grade 2	day	449.00
9009	Mason, Grade 2	day	449.00
9010	Stone chiseler	day	577.00
9011	Beldar/ coolie	day	373.00
9012	Bhisti	day	373.00
9013	Excavator	day	370.00
9014	Stone breaker	day	382.00
9015	Mate	day	397.00
9016	Hire charges for 5 ton truck	day	4000.00
9017	Hire charges for compressor and spray gun	day	350.00
9018	Drilling of 46 Nos 12 mm dia holes on G.I. pipe	L.S.	300.00
9019	Drilling holes	each	6.00
9020	Solder jointing	each	12.00
9021	Welding charges	mm	0.50
9022	Welder	mm	503.00
9023	Electrician	day	503.00
2024	Highly skilled	day	577.00

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**0.2 BASIC RATES OF MATERIALS**

Note : The basic rates are exclusive of Contractor's profit, Overheads, Carriage, GST and any taxes etc.

Code No.	DESCRIPTION	Unit	Rate
<b>PVC INSULATED COPPER CONDUCTOR CABLE</b>			
1101	1.5 sq. mm ISI marked, FRLS PVC insulated single core copper conductor cable	metre	18.00
1102	2.5 sq. mm ISI marked, FRLS PVC insulated single core copper conductor cable	metre	28.00
1103	4.0 sq. mm ISI marked, FRLS PVC insulated single core copper conductor cable	metre	42.00
1104	6.0 sq. mm ISI marked, FRLS PVC insulated single core copper conductor cable	metre	63.00
1105	10 sq. mm ISI marked, FRLS PVC insulated single core copper conductor cable	metre	106.00
1106	16 sq. mm ISI marked, FRLS PVC insulated single core copper conductor cable	metre	164.00
1107	25 sq. mm ISI marked, FRLS PVC insulated single core copper conductor cable	metre	307.00
1108	35 sq. mm ISI marked, FRLS PVC insulated single core copper conductor cable	metre	430.00
1109	50 sq. mm ISI marked, FRLS PVC insulated single core copper conductor cable	metre	613.00
1110	70 sq. mm ISI marked, FRLS PVC insulated single core copper conductor cable	metre	869.00
1111	95 sq. mm ISI marked, FRLS PVC insulated single core copper conductor cable	metre	1169.00
1112	16/0.20 mm (0.5 sq mm) twin core FRLS PVC sheathed flat flexible copper cable	metre	20.00
1113	16/0.20 mm (0.5 sq mm) twin circular, FRLS PVC sheathed workshop flexible copper cable	metre	21.00
1114	32/0.20 mm (1.0 sq mm) twin circular, FRLS PVC sheathed workshop flexible copper cable	metre	13.00
1115	1 pair, 0.5 sq. mm annealed copper conductor, FRLS PVC insulated, unmoured, telephone cable	metre	8.00
1116	2 pair, 0.5 sq. mm annealed copper conductor, FRLS PVC insulated, unmoured, telephone cable	metre	13.00
1117	4 pair, 0.5 sq. mm annealed copper conductor, FRLS PVC insulated, unmoured, telephone cable	metre	25.00
1118	Co-axial TV cable RG-6 grade, 0.7 mm solid copper conductor PE insulated, shielded with fine tinned copper braid protected with PVC sheath	metre	20.00

BASIC RATE

Code No.	DESCRIPTION	Unit	Rate
<b>PVC CONDUIT AND ACCESSORIES</b>			
1201	20 mm dia. ISI marked, PVC conduit	metre	21.00
1202	25 mm dia. ISI marked, PVC conduit	metre	29.00
1203	32 mm dia. ISI marked, PVC conduit	metre	46.00
1204	40 mm dia. ISI marked, PVC conduit	metre	64.00
1205	50 mm dia. ISI marked, PVC conduit	metre	97.00
1206	20 mm PVC bends	each	8.00
1207	25 mm PVC bend	each	11.00
1208	32 mm PVC bends	each	18.00
1209	40 mm PVC bends	each	28.00
1210	50 mm PVC bends	each	47.00
1211	20 mm PVC couplers	each	6.00
1212	25 mm PVC couplers	each	7.00
1213	32 mm PVC couplers	each	11.00
1214	40 mm PVC couplers	each	14.00
1215	50 mm PVC couplers	each	18.00
1216	20 mm iron staple/ saddles/ screws	each	8.00
1217	25 mm iron staple/ saddles/ screws	each	10.00
1218	32 mm iron staple/ saddles/ screws	each	16.00
1219	40 mm iron staple/ saddles/ screws	each	19.00
1220	50 mm iron staple/ saddles/ screws	each	22.00
1221	20 mm PVC junction box, one way	each	18.00
1222	20 mm PVC junction box, two way	each	19.00
1223	75 mm X 75 mm X 50 mm PVC box	each	22.00
<b>METAL/ PVC BOXES</b>			
1301	Modular GI box for 2 module	each	33.00
1302	Modular GI box for 3 module	each	41.00
1303	Modular GI box for 4 module	each	48.00
1304	Modular GI box for 6 module	each	74.00
1305	Modular GI box for 8 module	each	90.00
1306	Modular GI box for 12 module	each	114.00
1307	75 mm X 75 mm X 60 mm deep PVC/metal box	each	23.00
1308	100 mm X 100 mm X 60 mm deep PVC/metal box	each	35.00
1309	150 mm X 75 mm X 60 mm deep PVC/metal box	each	37.00
1310	150 mm X 150 mm X 60 mm deep PVC/metal box	each	53.00
1311	180 mm X 100 mm X 60 mm deep PVC/metal box	each	45.00

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Code No.	DESCRIPTION	Unit	Rate
1312	200 mm X 125 mm X 60 mm deep PVC/metal box	each	56.00
1313	200 mm X 150 mm X 60 mm deep PVC/metal box	each	70.00
1314	200 mm X 250 mm X 60 mm deep PVC/metal box	each	90.00
1315	200 mm X 300 mm X 60 mm deep PVC/metal box	each	112.00
1316	250 mm X 300 mm X 60 mm deep PVC/metal box	each	139.00
1317	200 mm X 150 mm X 75 mm deep PVC/metal box	each	76.00
1318	200 mm X 250 mm X 75 mm deep PVC/metal box	each	105.00
1319	200 mm X 150 mm X 100 mm deep PVC/metal box	each	92.00
1320	200 mm X 250 mm X 100 mm deep PVC/metal box	each	119.00
1321	200 mm X 300 mm X 100 mm deep PVC/metal box	each	139.00
1322	250 mm X 300 mm X 100 mm deep PVC/metal box	each	174.00
1323	3 mm thick phenolic laminated sheet	sq.cm.	0.20
<b>WIRING SWITCHES AND ACCESSORIES</b>			
1401	Ceiling rose, 2 pin, 5/6 amps ISI marked	each	19.38
1402	Ceiling rose, 3 pin, 5/6 amps ISI marked	each	20.00
1403	S.P. 5/6 amps, one way modular switch, ISI marked	each	34.00
1404	S.P. 5/6 amps, two way modular switch, ISI marked	each	68.00
1405	S.P. 15/16 amps, one way modular switch, ISI marked	each	74.00
1406	3 pin 5/6 amps, modular socket outlet, ISI marked	each	63.00
1407	6 pin 15/16 amps, modular socket outlet, ISI marked	each	105.00
1408	Modular bell push, ISI marked	each	62.00
1409	Stepped type modular Fan regulator, (2 module)	each	220.00
1410	Telephone socket outlet, modular type	each	68.00
1411	T.V. socket outlet modular type	each	68.00
1412	Modular blanking plate	each	16.00
1413	Modular base & cover plate for 1 module	each	42.00
1414	Modular base & cover plate for 2 module	each	42.00
1415	Modular base & cover plate for 3 module	each	56.00
1416	Modular base & cover plate for 4 module	each	61.00
1417	Modular base & cover plate for 6 module	each	79.00
1418	Modular base & cover plate for 8 module	each	101.00
1419	Modular base & cover plate for 12 module	each	147.00
1420	S.P. 5/6 amps, one way switch, piano type ISI marked	each	10.00
1421	S.P. 5/6 amps, two way switch, piano type ISI marked	each	19.00
1422	S.P. 15/16 amps, one way switch, piano type ISI marked	each	48.00
1423	3 pin 5/6 amps socket outlet, piano type ISI marked	each	23.00

BASIC RATE

Code No.	DESCRIPTION	Unit	Rate
1424	6 pin 15/16 & 5/6 A socket outlet, piano type ISI marked	each	60.00
1425	3/5 pin, 15/16 amps, S/S combined	each	110.00
1426	Bell push piano type	each	19.00
1427	Telephone socket outlet piano type	each	39.00
1428	T.V. socket outlet piano type	each	28.00
1429	PVC Batten/ angle holder	each	22.00
1430	Brass Pendant holder	each	34.00
1431	Brass batten/ angle holder	each	38.00
1432	Call bell/ buzzer, single phase	each	44.00
1433	Ding Dong sound call bell	each	150.00
1434	Electronic musical call bell	each	229.00
1435	Stepped type, piano fan regulator	each	195.00
1436	3 pin top 5/6 amps, ISI marked	each	57.60
1437	3 pin top 15/16 amps, ISI marked	each	75.00
1438	32 amps flush/ceramic DP with neon lamp	each	130.00
1439	25 amps modular type A.C. unit set with ON/OFF MCB	each	375.00
1440	6 pin 25 amp modular type socket ISI marked	each	125.00
1441	Brass Bracket Holder, 16 mm	each	47.00
1442	UTP 4 pair CAT 6 LAN Cable	Metre	28.00
1443	PIR Occupancy Sensor	each	3183.00
1444	PIR Occupancy Sensor with Day light dimming	each	6632.00
1445	Astronomical time switch suitable for 1 output per phase and suitable for single phase supply	each	3022.00
1446	Astronomical time switch suitable for 2 output per phase and suitable for single phase supply	each	6169.00
1447	Astronomical time switch suitable for 3 output (1 output per phase) and suitable for three phase supply	each	7709.00
1448	25 amps modular type motor starter, 2 module	each	410.00
<b>BUS BAR, CHANGE OVER SWITCHES AND PORCELAIN FUSE LINK</b>			
1501	63 amps, 415 V heavy duty three phase with neutral copper busbar chamber	each	2,265.00
1502	100 amps, 415 V heavy duty three phase with neutral copper busbar chamber	each	3,065.00
1503	200 amps, 415 V heavy duty three phase with neutral copper busbar chamber	each	6,555.00
1504	315/300 amps, 415 V heavy duty three phase with neutral copper busbar chamber	each	8,195.00

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Code No.	DESCRIPTION	Unit	Rate
1505	400 amps, 415 V heavy duty three phase with neutral copper busbar chamber	each	11,732.00
1506	500 amps, 415 V heavy duty three phase with neutral copper busbar chamber	each	16,850.00
1507	600/630 amps, 415 V heavy duty three phase with neutral copper busbar chamber	each	20,207.00
1508	800 amps, 415 V heavy duty three phase with neutral copper busbar chamber	each	27,562.00
1509	32 amps, double pole, off-load change over switch in sheet enclosure with side handle operation	each	1,315.00
1510	63 amps, double pole, off-load change over switch in sheet enclosure with side handle operation	each	2,990.00
1511	32 amps, four pole, off-load change over switch in sheet enclosure with side handle operation	each	2,367.00
1512	63 amps, four pole, off-load change over switch in sheet enclosure with side handle operation	each	5,550.00
1513	100 amps, four pole, off-load change over switch in sheet enclosure with side handle operation	each	9,300.00
1514	200 amps, four pole, off-load change over switch in sheet enclosure with side handle operation	each	14,000.00
1515	320/300 amps, four pole, off-load change over switch in sheet enclosure with side handle operation	each	18,970.00
1516	400 amps, four pole, off-load change over switch in sheet enclosure with side handle operation	each	26,500.00
1517	630/600 amps, four pole, off-load change over switch in sheet enclosure with side handle operation	each	36,000.00
1518	40 amps, four pole, ON-load change over switch open execution type (cubical)	each	4,900.00
1519	63 amps, four pole, ON-load change over switch open execution type (cubical)	each	5,800.00
1520	100 amps, four pole, ON-load change over switch open execution type (cubical)	each	6,400.00
1521	125 amps, four pole, ON-load change over switch open execution type (cubical)	each	8,600.00
1522	160 amps, four pole, ON-load change over switch open execution type (cubical)	each	11,800.00
1523	200 amps, four pole, ON-load change over switch open execution type (cubical)	each	12,650.00
1524	250 amps, four pole, ON-load change over switch open execution type (cubical)	each	14,860.00
1525	320 amps, four pole, ON-load change over switch open execution type (cubical)	each	21,424.00
1526	400 amps, four pole, ON-load change over switch open execution type (cubical)	each	23,930.00



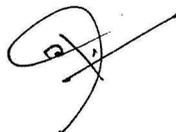



Code No.	DESCRIPTION	Unit	Rate
1527	630 amps, four pole, ON-load change over switch open execution type (cubical)	each	34,500.00
1528	16 amps, porcelain fuse link, rewirable	each	85.00
1529	32 amps, porcelain fuse link, rewirable	each	155.00
1530	63 amps, porcelain fuse link, rewirable	each	330.00
1531	100 amps, porcelain fuse link, rewirable	each	416.00
1532	200 amps, porcelain fuse link, rewirable	each	940.00
1533	320 amps, porcelain fuse link, rewirable	each	1,139.00
<b>SWITCH DISCONNECTOR SFU AND MCCB</b>			
1601	16 amps. double pole switch disconnecter fuse unit, rewirable type	each	572.00
1602	32 amps. double pole switch disconnecter fuse unit, rewirable type	each	1,252.00
1603	63 amps. double pole switch disconnecter fuse unit, rewirable type	each	3,000.00
1604	32 amps. TPN switch disconnecter fuse unit, rewirable type	each	2,033.00
1605	63 amps. TPN switch disconnecter fuse unit, rewirable type	each	4,395.00
1606	100 amps. TPN switch disconnecter fuse unit, rewirable type	each	7,601.00
1607	200 amps. TPN switch disconnecter fuse unit, rewirable type	each	12,221.00
1608	320 amps. TPN switch disconnecter fuse unit, rewirable type	each	16,813.00
1609	63 amps. TPN switch disconnecter fuse unit with ISI marked HRC fuses	each	3,452.00
1610	100 amps. TPN switch disconnecter fuse unit with ISI marked HRC fuses	each	6,620.00
1611	200 amps. TPN switch disconnecter fuse unit with ISI marked HRC fuses	each	7,009.00
1612	315 amps. TPN switch disconnecter fuse unit with ISI marked HRC fuses	each	10,647.00
1613	400 amps. TPN switch disconnecter fuse unit with ISI marked HRC fuses	each	13,025.00
1614	630 amps. TPN switch disconnecter fuse unit with ISI marked HRC fuses	each	26,772.00
1615	800 amps. TPN switch disconnecter fuse unit with ISI marked HRC fuses	each	28,464.00
1616	32 amps. TPN switch disconnecter fuse unit (Panel mounted type) with ISI marked HRC fuses	each	1,443.00
1617	63 amps. TPN switch disconnecter fuse unit (Panel mounted type) with ISI marked HRC fuses	each	2,127.00

Code No.	DESCRIPTION	Unit	Rate
1618	100 amps. TPN switch disconnecter fuse unit (Panel mounted type) with ISI marked HRC fuses	each	4,346.00
1619	125 amps. TPN switch disconnecter fuse unit (Panel mounted type) with ISI marked HRC fuses	each	5,151.00
1620	160 amps. TPN switch disconnecter fuse unit (Panel mounted type) with ISI marked HRC fuses	each	5,851.00
1621	200 amps. TPN switch disconnecter fuse unit (Panel mounted type) with ISI marked HRC fuses	each	7,530.00
1622	250 amps. TPN switch disconnecter fuse unit (Panel mounted type) with ISI marked HRC fuses	each	8,610.00
1623	320 amps. TPN switch disconnecter fuse unit (Panel mounted type) with ISI marked HRC fuses	each	10,314.00
1624	400 amps. TPN switch disconnecter fuse unit (Panel mounted type) with ISI marked HRC fuses	each	12,474.00
1625	630 amps. TPN switch disconnecter fuse unit (Panel mounted type) with ISI marked HRC fuses	each	20,850.00
1626	100 amps. 4 pole MCCB, 30 KA, thermal magnetic release	each	5,623.00
1627	125 amps. 4 pole MCCB, 36 KA, thermal magnetic release	each	5,961.00
1628	160 amps. 4 pole MCCB, 36 KA, thermal magnetic release	each	9,491.00
1629	200 amps. 4 pole MCCB, 36 KA, thermal magnetic release	each	11,243.00
1630	250 amps. 4 pole MCCB, 36 KA, thermal magnetic release	each	12,953.00
1631	250 amps. 4 pole MCCB, 50 KA, thermal magnetic release	each	13,633.00
1632	400 amps. 4 pole MCCB, 50 KA, thermal magnetic release	each	31,928.00
1633	630 amps. 4 pole MCCB, 50 KA, thermal magnetic release	each	32,250.00
1634	25/100 amps. 3 pole MCCB, 16 KA, thermal magnetic release	each	2,644.00
1635	125 amps. 3 pole MCCB, 16 KA, thermal magnetic release	each	3,403.00
1636	150 amps, 3 pole MCCB, 16 KA, thermal magnetic release	each	4,287.00
1637	200 amps, 3 pole MCCB, 16 KA, thermal magnetic release	each	5,541.00
1638	200 amps, 3 pole MCCB, 25 KA, thermal magnetic release	each	8,051.00
1639	250 amps, 3 pole MCCB, 25 KA, thermal magnetic release	each	9,522.00
1640	250 amps, 3 pole MCCB, 35 KA, thermal magnetic release	each	10,199.00
1641	315 amps, 3 pole MCCB, 35 KA, thermal magnetic release	each	15,986.00
1642	400 amps, 3 pole MCCB, 35 KA, thermal magnetic release	each	15,986.00
1643	500 amps, 3 pole MCCB, 35 KA, thermal magnetic release	each	18,909.00
1644	630 amps, 3 pole MCCB, 50 KA, thermal magnetic release	each	20,650.00
1645	800 amps, 3 pole MCCB, 50 KA, thermal magnetic release	each	26,915.00

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Code No.	DESCRIPTION	Unit	Rate
<b>MCB'S, ISOLATORS,RCCB'S AND DB'S</b>			
1701	25 amp modular SPMCB, 'C' Curve	each	161.00
1702	6 A to 32 A rating, SP MCB, "C" curve, 10 KA breaking capacity	each	135.00
1703	6 A to 32 A rating, SPN MCB, "C" curve, 10 KA breaking capacity	each	394.00
1704	6 A to 32 A rating, DP MCB, "C" curve, 10 KA breaking capacity	each	437.00
1705	6 A to 32 A rating, TP MCB, "C" curve, 10 KA breaking capacity	each	702.00
1706	6 A to 32 A rating, TPN MCB, "C" curve, 10 KA breaking capacity	each	869.00
1707	40 A to 63 A rating, SP MCB, "C" curve, 10 KA breaking capacity	each	360.00
1708	40 A to 63 A rating, SPN MCB, "C" curve, 10 KA breaking capacity	each	835.00
1709	40 A to 63 A rating, DP MCB, "C" curve, 10 KA breaking capacity	each	810.00
1710	40 A to 63 A rating, TP MCB, "C" curve, 10 KA breaking capacity	each	1,275.00
1711	40 A to 63 A rating, TPN MCB, "C" curve, 10 KA breaking capacity	each	1,605.00
1712	6 A to 32 A rating, Four pole MCB, "C" curve, 10 KA breaking capacity	each	1,075.00
1713	40 A to 63 A rating, Four pole MCB, "C" curve, 10 KA breaking capacity	each	1,602.00
1714	Single pole, blanking plate	each	8.00
1715	40 amps. , 2 pole isolator	each	270.00
1716	63 amps. , 2 pole isolator	each	340.00
1717	40 amps. , 4 pole isolator	each	616.00
1718	63 amps. , 4 pole isolator	each	664.00
1719	100 amps. , 4 pole isolator	each	810.00
1720	25 amps. rating, 2 pole RCCB, 30mA	each	1,458.00
1721	40 amps. rating, 2 pole RCCB, 30mA	each	1,922.00
1722	63 amps. rating, 2 pole RCCB, 30mA	each	1,982.00
1723	25 amps. rating, 4 pole RCCB, 30mA	each	1,836.00
1724	40 amps. rating, 4 pole RCCB, 30mA	each	2,290.00
1725	63 amps. rating, 4 pole RCCB, 30mA	each	2,052.00
1726	20 amps. SPN, industrial type socket outlet, with plug top and metal chained cover in sheet steel enclosure	each	680.00
1727	20 amps. TPN, industrial type socket outlet, with plug top and metal chained cover in sheet steel enclosure	each	997.00

BASIC RATE

Code No.	DESCRIPTION	Unit	Rate
1728	30 amps. TPN, industrial type socket outlet, with plug top and metal chained cover in sheet steel enclosure	each	2,142.00
1729	2+2 way, SPN, single door, MCB DB	each	820.00
1730	2+4 way, SPN, single door, MCB DB	each	786.00
1731	2+6 way, SPN, single door, MCB DB	each	1,007.00
1732	2+10 way, SPN, single door, MCB DB	each	1,189.00
1733	6 way, SPN, double door, MCB DB	each	1,347.00
1734	8 way, SPN, double door, MCB DB	each	1,624.00
1735	12 way, SPN, double door, MCB DB	each	1,429.00
1736	14 way, SPN, double door, MCB DB	each	2,053.00
1737	Sheet steel DP MCB enclosure	each	300.00
1738	Sheet steel TP MCB enclosure	each	354.00
1739	4 way (4+12) TPN MCB DB, double door, horizontal type	each	2,712.00
1740	6 way (4+18) TPN MCB DB, double door, horizontal type	each	3,378.00
1741	8 way (4+24) TPN MCB DB, double door, horizontal type	each	4,128.00
1742	4 way (4+12), TPN, vertical type, MCB DB, double door	each	5,294.00
1743	8 way (4+24), TPN, vertical type, MCB DB, double door	each	7,297.00
1744	12 way (4+36), TPN, vertical type, MCB DB, double door	each	9,311.00
1745	63 amps, 2 pole, MCB Changeover Switch	each	1506.00
1746	40 amps, 4 pole, MCB Changeover Switch	each	2188.00
1747	63 amps, 4 pole, MCB Changeover Switch	each	2854.00
1748	4 way, double door, VTPN DB with provision for 160 A MCCB as incomer and SP/TP MCB's as outgoing	each	8281.00
1749	6 way, double door, VTPN DB with provision for 160 A MCCB as incomer and SP/TP MCB's as outgoing	each	9408.00
1750	8 way, double door, VTPN DB with provision for 160 A MCCB as incomer and SP/TP MCB's as outgoing	each	10355.00
1751	12 way, double door, VTPN DB with provision for 160 A MCCB as incomer and SP/TP MCB's as outgoing	each	14117.00
1752	4 way, double door, VTPN DB with provision for 250 A MCCB as incomer and SP/TP MCB's as outgoing	each	13555.00
1753	6 way, double door, VTPN DB with provision for 250 A MCCB as incomer and SP/TP MCB's as outgoing	each	14500.00
1754	8 way, double door, VTPN DB with provision for 250 A MCCB as incomer and SP/TP MCB's as outgoing	each	15612.00
1755	12 way, double door, VTPN DB with provision for 250 A MCCB as incomer and SP/TP MCB's as outgoing	each	16455.00
1756	Cable End Boxes for 6 way SPN DD DB	each	371.82
1757	Cable End Boxes for 8 way SPN DD DB	each	432.42

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BASIC RATE

Code No.	DESCRIPTION	Unit	Rate
1758	Cable End Boxes for 10 way SPN DD DB	each	415.89
1759	Cable End Boxes for 14 way SPN DD DB	each	484.75
1760	Cable End Boxes for 4 way TPN DD DB	each	619.70
1761	Cable End Boxes for 6 way TPN DD DB	each	652.75
1762	Cable End Boxes for 8 way TPN DD DB	each	815.25
1763	Cable End Boxes for Vertical TPN DD DB	each	687.60
<b>SCREWS, NUT BOLTS AND OTHER ACCESSORIES</b>			
1801	Al. alloy/ cadium plated iron screws, 20 mm	each	0.90
1802	Iron screws, 35 mm X 6 mm	each	1.80
1803	Iron screws, 40 mm X 6 mm	each	1.80
1804	Iron screws, 45 mm X 6 mm	each	1.80
1805	Steel fastener 6 mm X 75 mm	each	7.20
1806	Steel fastener 8 mm X 75 mm	each	10.80
1807	PVC fastener 40 mm long	each	0.90
1808	PVC clip for fixing cable	each	0.45
1809	Rubber/ PVC bushes	each	0.90
1810	6 mm dia rivet/ stud/ bolts and nuts	each	4.50
1811	25 mm X 3 mm bolts & nuts	each	3.60
1812	32 mm X 8 mm bolts & nuts	each	5.40
1813	38 mm X 10 mm bolts & nuts	each	9.00
1814	38 mm X 7 mm bolts & nuts	each	7.20
1815	15 mm long X 6 mm dia G.I. bolts and nuts	each	5.40
1816	10 mm X 25 mm long G.I. bolts with nuts etc	each	10.80
1817	16 mm X 50 mm bolts and nuts with washers	Set	9.00
1818	16 mm X 40 mm bolts and nuts with washers	Set	9.00
1819	16 mm X 125 mm bolts and nuts with washers	Set	21.60
1820	16 mm X 150 mm bolts and nuts with washers	Set	25.20
1821	10 mm X 25 mm long tinned brass bolt with nut etc	each	31.50
1822	GI saddles 19mm X 0.55mm for conduit	each	1.80
1823	GI saddles 25mm X 0.90mm for conduit above 25mm	each	1.80
1824	20 mm X 3 mm copper tape ( 0.533 kg/mtr)	Kg	612.00
1825	25 mm X 5 mm copper tape ( 1.15 kg/mtr)	Kg	612.00
1826	32 mm X 6 mm copper tape ( 1.705 kg/mtr)	Kg	612.00
1827	8 SWG copper wire ( 4.0 mm dia )	Kg	630.00
1828	600mm X 600mm X 3mm thick copper plate (10.5 Kg)	each	6,426.00
1829	Copper saddle	each	36.00

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Code No.	DESCRIPTION	Unit	Rate
1830	50 mm X 5 mm copper strip (2.30 Kg/mtr)	Kg	612.00
1831	Brass nipple	each	13.50
1832	Lightning finial, 25mm dia X 300mm long, copper	each	585.00
1833	Lightning finial, 25mm dia X 300mm long, G.I.	each	135.00
1834	20 mm X 3 mm G.I. tape ( 0.461 Kg/ mtr)	Kg	72.00
1835	25 mm X 5 mm G.I. tape ( 1.0 Kg/ mtr)	Kg	63.00
1836	25 mm X 6 mm G.I. tape ( 1.2 Kg/ mtr)	Kg	58.50
1837	32 mm X 6 mm G.I. tape ( 1.475 Kg/ mtr)	Kg	58.50
1838	600mm X 600mm X 6mm thick G.I. plate	each	1,620.00
1839	6 SWG G.I. wire	Kg	63.00
1840	GI saddle 20mm X 3mm	each	3.60
1841	Funnel	each	22.50
1842	G.I. nuts and through bolts and washer	each	31.50
1843	Washers	each	0.00
1844	G.I. hooks made of 8 SWG Gi wire/ GI clip	each	3.60
1845	CI/MS cover plate hinged to FRLSame with Locking arrangement	each	315.00
1846	40 mm to 20 mm reducer	each	36.00
1847	Pulley of 50 mm dia	each	90.00
1848	Clamps, bolts, nuts etc.	Set	117.00
1849	Flat iron clamps (50 mm X 6 mm) for G.I. pipe	each	45.00
1850	G.I. plate (10 cm X 10 cm X 5 mm)	kg	67.50
1851	Ball and socket	each	22.50
1852	Back plate	each	9.00
1853	Ckeck nut 20 mm	each	5.40
1854	PVC sleeve	metre	7.20
1855	250 mm X 200 mm H.T. danger notice plate	each	72.00
1856	200 mm X 150 mm M.V. danger notice plate	each	54.00
1857	Earthing thimbles and solder	L.S.	18.00
1858	Cement, paint, sand etc.	L.S.	7.20
1859	Painting with primer and finish paint	L.S.	7.20
1860	Diesel	Letre	81.00
1861	Cotton waste, cleaning cloth etc.	kg	49.50
1862	Cleaning materials like soap/ detergent	kg	54.00
1863	Tin solder etc.	L.S.	7.20
1864	Charcoal	kg	9.00

BASIC RATE

Code No.	DESCRIPTION	Unit	Rate
1865	Coke	kg	13.50
1866	Salt	kg	10.80
1867	Paint	Letre	180.00
1868	Common burnt clay F.P.S.(non modular) bricks class designation 7.5	each	5.40
1869	Fine sand	Cum	900.00
1870	Cement	tonne	7,200.00
1871	Bricks ballast	Cum	675.00
1872	G.I. earth stud with nut	each	9.00
1873	Welding charges	mm	0.50
1874	Stone aggregate (single size) 40 mm nominal size	Cum	1,350.00
1875	Stone aggregate (single size) 20 mm nominal size	Cum	1,620.00
1876	Stone aggregate (single size) 10 mm nominal size	Cum	1,620.00
1877	Coarse sand (Zone III)	Cum	1,710.00
1878	Sundries/bending charges	L.S.	2.70
1879	Rubber reel, nut & bolts with washers and safety pin	Set	67.50
1880	63 mm dia, HDPE Pipe	metre	78.00
1881	90 mm dia, HDPE Pipe	metre	108.00
1882	120 mm dia, HDPE Pipe	metre	156.00
1883	160 mm dia, HDPE Pipe	metre	228.00
1884	200 mm dia, HDPE Pipe	metre	360.00
1885	63 mm dia, HDPE Pipe Coupler	each	16.00
1886	90 mm dia, HDPE Pipe Coupler	each	72.00
1887	120 mm dia, HDPE Pipe Coupler	each	84.00
1888	160 mm dia, HDPE Pipe Coupler	each	168.00
1889	200 mm dia, HDPE Pipe Coupler	each	234.00
<b>ANGLE/FLAT IRON, G.I. PIPE</b>			
1901	25 mm X 25 mm X 3 mm angle iron	Kg	56.00
1902	35 mm X 35 mm X 4 mm angle iron	Kg	56.00
1903	35 mm X 35 mm X 5 mm angle iron	Kg	56.00
1904	50 mm X 50 mm X 6 mm angle iron	Kg	56.00
1905	20/25 mm X 3 mm flat iron	Kg	56.00
1906	25 mm X 4 mm flat iron	Kg	56.00
1907	25 mm X 6 mm flat iron	Kg	56.00
1908	40 mm X 3 mm flat iron	Kg	56.00
1909	15 mm dia G.I. pipe (medium class)	metre	151.20

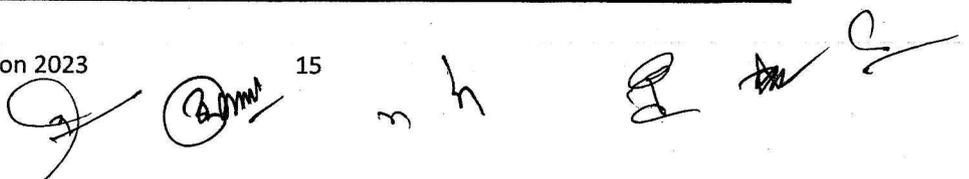
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Code No.	DESCRIPTION	Unit	Rate
1910	20 mm dia G.I. pipe (medium class)	metre	190.20
1911	32 mm dia G.I. pipe (medium class)	metre	334.80
1912	40 mm dia G.I. pipe (medium class)	metre	383.40
1913	50 mm dia G.I. pipe (medium class)	metre	538.20
1914	80 mm dia G.I. pipe (medium class)	metre	871.20
1915	100 mm dia G.I. pipe (medium class)	metre	1260.00
1916	150 mm dia G.I. pipe (medium class)	metre	1965.00
1917	40 mm dia G.I. bend (medium class)	each	61.20
1918	50 mm dia G.I. bend (medium class)	each	94.35
1919	15 mm dia G.I. pipe ( heavy class)	metre	169.20
1920	20 mm dia G.I. pipe ( heavy class)	metre	213.60
1921	20 mm dia G.I. pipe (light class)	metre	171.60
1922	32 mm dia G.I. pipe (light class)	metre	282.60
1923	50 mm dia G.I. pipe (light class)	metre	458.80
1924	80 mm dia G.I. pipe (light class)	metre	715.80
1925	100 mm dia G.I. pipe (light class)	metre	1036.80
1926	Nipple, 50 mm dia	each	67.50
1927	100 mm dia RCC pipe NP2 class	metre	210.00
1928	150 mm dia RCC pipe NP2 class	metre	220.00
1929	250 mm dia RCC pipe NP2 class	metre	365.00
1930	300 mm dia RCC pipe NP2 class	metre	450.00
1931	100 mm dia RCC collar NP2 class	each	31.50
1932	150 mm dia RCC collar NP2 class	each	33.30
1933	250 mm dia RCC collar NP2 class	each	49.50
1934	300 mm dia RCC collar NP2 class	each	3.00
1935	100 mm X 50 mm X 6 mm channel iron (9.56kg/mtr)	Kg	56.00
1936	75 mm X 40 mm X 6 mm channel iron (7.14kg/mtr)	Kg	56.00
1937	65 mm X 65 mm X 6 mm angle iron	Kg	56.00
1938	50 mm X 6 mm flat iron	Kg	56.00
1939	50 mm X 8 mm flat iron	Kg	56.00
1940	1.6 mm thick MS sheet	Kg	56.00
1941	3 mm thick MS sheet	Kg	56.00
	<b>LED LUMINAIRE</b>		
2001	Wall mounted 4ft X 18 watt LED betten with polycarbonate housing and integrated electronic driver . Minimum efficacy 100 lm/w	each	250.00

Code No.	DESCRIPTION	Unit	Rate
2002	Wall mounted 2ft X 9 watt LED betten with polycarbonate housing and integrated electronic driver . Minimum efficacy 100 lm/w	each	230.00
2003	Wall/ surface mounted mounted 4ft X 20 watt LED betten, PDC aluminium housing with polycarbonate diffuser and integrated electronic driver. Minimum efficacy 100 lm/w	each	420.00
2004	Compact commercial betten suitable for single T8 LED tube. ( without LED Tube)	each	230.00
2005	Compact commercial betten suitable for Double T8 LED tube. ( without LED Tube)	each	270.00
2006	20/25 watt X 4 ft aluminium extruded suspended type lighting system ensuring unifrom and continuous illumination including suspension system and electronic driver etc. Minimum efficacy 100 lm/w	each	1,680.00
2007	35/40 watt X 4 ft aluminium extruded suspended type lighting system ensuring unifrom and continuous illumination including suspension system and electronic driver etc. Minimum efficacy 100 lm/w	each	3,100.00
2008	Recess mounted 5/7 watt LED downlighter with pressure die-cast aluminium housing and integrated electronic driver . Minimum efficacy 100 lm/w	each	510.00
2009	Recess mounted 9/10 watt LED downlighter with pressure die-cast aluminium housing and integrated electronic driver . Minimum efficacy 100 lm/w	each	650.00
2010	Recess mounted 12 watt LED downlighter with pressure die-cast aluminium housing and integrated electronic driver . Minimum efficacy 100 lm/w	each	720.00
2011	Recess mounted 15 watt LED downlighter with pressure die-cast aluminium housing and integrated electronic driver . Minimum efficacy 100 lm/w	each	810.00
2012	Recess mounted 18 watt LED downlighter with pressure die-cast aluminium housing and integrated electronic driver . Minimum efficacy 100 lm/w	each	920.00
2013	Recess mounted 22/24 watt (300mmX300mm) LED downlighter with pressure die-cast aluminium housing and integrated electronic driver . Minimum efficacy 100 lm/w	each	1,300.00

Code No.	DESCRIPTION	Unit	Rate
2014	Surface mounted 9/10 watt LED downlighter with polycarbonate housing and integrated electronic driver . efficacy 100 lm/w	each	500.00
2015	Surface mounted 15 watt LED commercial type downlighter with PDC aluminium housing and integrated electronic driver . Minimum efficacy 100 lm/w	each	990.00
2016	Recess mounted 36 watt LED flat panel luminaire (2ft X 2ft) which provides soft-light and glare free symmetrical illumination suitable for armstrong/grid ceiling. and integrated electronic driver . Minimum efficacy 100 lm/w	each	1,700.00
2017	Surface mounted 36 watt LED flat panel luminaire (2ft X 2ft) which provides soft-light and glare free symmetrical illumination and integrated electronic driver . Minimum efficacy 100 lm/w	each	2,100.00
2018	30 watt LED street light with pressure die cast housing, toughened glass, IP 65 protection and complete with electronic driver etc. Minimum efficacy 100 lm/w	each	1,500.00
2019	45 watt LED street light with pressure die cast housing, toughened glass, IP 65 protection and complete with electronic driver etc. Minimum efficacy 100 lm/w	each	2,200.00
2020	70 watt LED street light with pressure die cast housing, toughened glass, IP 65 protection and complete with electronic driver etc. Minimum efficacy 100 lm/w	each	3,200.00
2021	90 watt LED street light with pressure die cast housing, toughened glass, IP 65 protection and complete with electronic driver etc. Minimum efficacy 100 lm/w	each	3,700.00
2022	120 watt LED Street light with pressure die cast housing, toughened glass, IP 65 protection and complete with electronic driver etc. Minimum efficacy 100 lm/w	each	4,500.00
2023	30 watt LED FLOOD light with pressure die cast housing, toughened glass, IP 65 protection and complete with electronic driver etc. Minimum efficacy 100 lm/w	each	1,600.00
2024	50 watt LED FLOOD light with pressure die cast housing, toughened glass, IP 65 protection and complete with electronic driver etc. Minimum efficacy 100 lm/w	each	2,500.00
2025	70 watt LED FLOOD light with pressure die cast housing, toughened glass, IP 65 protection and complete with electronic driver etc. Minimum efficacy 100 lm/w	each	3,300.00



Code No.	DESCRIPTION	Unit	Rate
2026	100 watt LED FLOOD light with pressure die cast housing, toughened glass, IP 65 protection and complete with electronic driver etc. Minimum efficacy 100 lm/w	each	4,100.00
2027	120 watt LED FLOOD light with pressure die cast housing, toughened glass, IP 65 protection and complete with electronic driver etc. Minimum efficacy 100 lm/w	each	4,900.00
2028	150 watt LED FLOOD light with pressure die cast housing, toughened glass, IP 65 protection and complete with electronic driver etc. Minimum efficacy 100 lm/w	each	5,200.00
2029	200 watt LED FLOOD light with pressure die cast housing, toughened glass, IP 65 protection and complete with electronic driver etc. Minimum efficacy 100 lm/w	each	7,200.00
2030	10/12 watt LED bulk Head luminaire with pressure die cast housing, acrylic diffuser, IP 65 protection and complete with electronic driver etc. Minimum efficacy 100 lm/w	each	800.00
2031	Decorative wall mounting bracket/fixture made with polycarbonate suitable for 9/10 wall LED lamp. ( without LED lamp)	each	800.00
2032	Decorative post top/gate light (200 mm) made up of high grade unbreakable polycarbonate material suitable for 7 watt LED lamp etc. ( without LED lamp)	each	700.00
2033	Decorative post top/gate light (250/300 mm) made up of high grade unbreakable polycarbonate material suitable for 20 watt LED lamp etc. ( without LED lamp)	each	900.00
2034	Surface mounted 18 watt LED commercial type downlighter with PDC aluminium housing and integrated electronic driver . Minimum efficacy 100 lm/w	each	1050.00
<b><u>LED Lamps &amp; LED Drivers</u></b>			
2101	3 watt LED lamp	each	80.00
2102	5 watt LED lamp	each	88.00
2103	7 watt LED lamp	each	95.00
2104	9/10 watt LED lamp	each	105.00
2105	12 watt LED lamp	each	160.00
2106	15 watt LED lamp	each	168.00
2107	20 watt LED lamp	each	180.00
2108	LED polycarbonet T8 tube with built in driver suitable for existing T8 fitting.	each	240.00
2109	5/7 Watt LED Downlighter replaceble electronic Driver	each	240.00

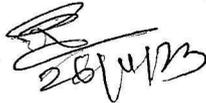
Code No.	DESCRIPTION	Unit	Rate
2110	9/10 Watt LED Downlighter replaceble electronic Driver	each	290.00
2111	12/15 Watt LED Downlighter replaceble electronic Driver	each	350.00
2112	30 Watt LED street light replaceble electronic Driver	each	800.00
2113	45 Watt LED street light replaceble electronic Driver	each	1000.00
2114	70 Watt LED street light replaceble electronic Driver	each	1300.00
2115	90 Watt LED street light replaceble electronic Driver	each	1800.00
2116	120 Watt LED street light replaceble electronic Driver	each	2100.00
2117	30 Watt LED Flood light replaceble electronic Driver	each	729.00
2118	50 Watt LED Flood light replaceble electronic Driver	each	1000.00
2119	70 Watt LED Flood light replaceble electronic Driver	each	1300.00
2120	100 Watt LED Flood light replaceble electronic Driver	each	1500.00
2121	120 Watt LED Flood light replaceble electronic Driver	each	1800.00
2122	150 Watt LED Flood light replaceble electronic Driver	each	2200.00
2123	200 Watt LED Flood light replaceble electronic Driver	each	2600.00
2124	36 Watt LED flat Panel luminaire replaceble electronic Driver	each	550.00
<b><u>ARMoured L.T. AND H.T. CABLE</u></b>			
2201	2 core, 6 sq. mm XLPE/PVC insulated PVC sheathed ( Heavy duty ) armoured electric cable with aluminium conductor	metre	112.00
2202	2 core, 10 sq. mm XLPE/PVC insulated PVC sheathed (Heavy duty) armoured electric cable with aluminium conductor	metre	141.00
2203	2 core, 16 sq. mm XLPE/PVC insulated PVC sheathed (Heavy duty) armoured electric cable with aluminium conductor	metre	144.00
2204	4 core, 16 sq. mm XLPE/PVC insulated PVC sheathed (Heavy duty) armoured electric cable with aluminium conductor	metre	210.00
2205	3.5 core, 25 sq. mm XLPE/PVC insulated PVC sheathed (Heavy duty) armoured electric cable with aluminium conductor	metre	243.00
2206	3.5 core, 35 sq. mm XLPE/PVC insulated PVC sheathed (Heavy duty) armoured electric cable with aluminium conductor	metre	292.00
2207	3.5 core, 50 sq. mm XLPE/PVC insulated PVC sheathed (Heavy duty) armoured electric cable with aluminium conductor	metre	394.00

Code No.	DESCRIPTION	Unit	Rate
2208	3.5 core, 70 sq. mm XLPE/PVC insulated PVC sheathed (Heavy duty) armoured electric cable with aluminium conductor	metre	526.00
2209	3.5 core, 95 sq. mm XLPE/PVC insulated PVC sheathed (Heavy duty) armoured electric cable with aluminium conductor	metre	668.00
2210	3.5 core, 120 sq. mm XLPE/PVC insulated PVC sheathed (Heavy duty) armoured electric cable with aluminium conductor	metre	834.00
2211	3.5 core, 150 sq. mm XLPE/PVC insulated PVC sheathed (Heavy duty) armoured electric cable with aluminium conductor	metre	965.00
2212	3.5 core, 185 sq. mm XLPE/PVC insulated PVC sheathed (Heavy duty) armoured electric cable with aluminium conductor	metre	1239.00
2213	3.5 core, 240 sq. mm XLPE/PVC insulated PVC sheathed (Heavy duty) armoured electric cable with aluminium conductor	metre	1566.00
2214	3.5 core, 300 sq. mm XLPE/PVC insulated PVC sheathed (Heavy duty) armoured electric cable with aluminium conductor	metre	1943.00
2215	3.5 core, 400 sq. mm XLPE/PVC insulated PVC sheathed (Heavy duty) armoured electric cable with aluminium conductor	metre	2458.00
2216	4 core, 6 sq. mm XLPE/PVC insulated PVC sheathed ( Heavy duty ) armoured electric cable with aluminium conductor	metre	145.00
2217	4 core, 10 sq. mm XLPE/PVC insulated PVC sheathed (Heavy duty) armoured electric cable with aluminium conductor	metre	175.00
<b><u>ARMoured H.T CABLE</u></b>			
2218	3 core, 50 sq. mm , 11 KV grade, armoured power H.T. cable , XLPE insulated with PVC sheathed & aluminium conductor	metre	830.00
2219	3 core, 95 sq. mm , 11 KV grade, armoured power H.T. cable , XLPE insulated with PVC sheathed & aluminium conductor	metre	1150.00
2220	3 core, 120 sq. mm , 11 KV grade, armoured power H.T. cable , XLPE insulated with PVC sheathed & aluminium conductor	metre	1364.00
2221	3 core, 185 sq. mm , 11 KV grade, armoured power H.T. cable , XLPE insulated with PVC sheathed & aluminium conductor	metre	1821.00

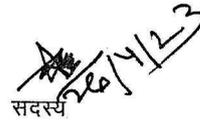
Code No.	DESCRIPTION	Unit	Rate
	<b>STREET LIGHT POLE</b>		
2301	4 Metre height Octagonal Hot-Dip galvanized street light poles with top dia. (A/F) 70 mm & bottom dia (A/F) 130 mm and made of 3 mm thick sheet, base plate dimension 220 X 220 X 12 mm including suitable size foundation bolts etc.	each	9,500.00
2302	6 Metre height Octagonal Hot-Dip galvanized street light poles with top dia. (A/F) 70 mm & bottom dia (A/F) 130 mm and made of 3 mm thick sheet, base plate dimension 220 X 220 X 12 mm including suitable size foundation bolts etc.	each	13,500.00
2303	7 Metre height Octagonal Hot-Dip galvanized street light poles with top dia. (A/F) 70 mm & bottom dia (A/F) 155 mm and made of 3 mm thick sheet, base plate dimension 260 X 260 X 16 mm including suitable size foundation bolts etc.	each	15,100.00
2304	8 Metre height Octagonal Hot-Dip galvanized street light poles with top dia. (A/F) 70 mm & bottom dia (A/F) 155 mm and made of 3 mm thick sheet, base plate dimension 260 X 260 X 16 mm including suitable size foundation bolts etc.	each	17,200.00
2305	1000 mm long Hot dip galvanized single Arm bracket (for octagonal poles)	each	1,950.00
2306	1000 mm long Hot dip galvanized double Arm bracket (for octagonal poles)	each	2,800.00
2307	Backlite sheet with one no. 6 amp SP MCB and 16 sq.mm stud type connector.(for octagonal pole)	each	715.00
	<b>PANNEL &amp; OTHERS</b>		
2308	Pole mounted Junction box/ Fuse box for single phase/ 2 core low wattage HPSV/LED type lighting system.	each	500.00
2309	Pole mounted Junction box/ Fuse box for three phase/ 4 core high wattage HPSV/ LED based lighting system	each	600.00
2310	DELETED		

Code No.	DESCRIPTION	Unit	Rate
2311	Fabrication of Electrical control panel of cubical construction, floor/wall mounted type, fabricated out of 16 SWG CRCA sheet, compartmentalised with hinged doors, dust and vermin proof, powder coated painting of approved shade after 7 tank treatment process, cable alley, internal wiring, earth terminals, Bus bar Chamber, insulator, nut-bolt complete in all respect etc and must be CPRI approved panel manufactures. (But without RYB LED lamp, ammeter, voltmeter, inter-connection copper conductor cable/solid copper strip, switchgears etc.)	Sq.ft	1,200.00
2312	Digital multimeter, Three phase	each	2,952.00
2313	Pilot lamp for indicator, RYB	each	148.00
2314	Selector switch	each	300.00
2315	C.T. coil	each	800.00
2316	Supply of floor Mounted outdoor type feeder pillar cubical type panel board, fabricated with 14 guage iron sheet suitable for panel mounted SFU/MCCB and complete with bus bar chamber, insulator, nut-bolt with MS 40 x 40 x 5 mm angle stand and complete with powder painting etc as required (But without busbar copper Strip)	Sq.ft	1,500.00
<b>FOR CHEMICAL/MINERAL EARTHING</b>			
2317	Copper coated earth rod of 3 m long and 17.2 mm dia outer dia	each	5,500.00
2318	Stainless steel rod/cable clamp	each	750.00
2319	25 kg backfill mineral compound	each	1,950.00
2320	Under floor earth inspection pit	each	2,499.00
<b>FAN/EXHAUST FAN</b>			
2321	Regular/standard make 1200 mm sweep ceiling fan, minimum air delivery 210 m <sup>3</sup> /min and service value equal or more than 4.00 as per BEE.	Each	1,650.00
2322	Regular/standard make 1400 mm sweep ceiling fan, minimum air delivery 245 m <sup>3</sup> /min and service value equal or more than 4.10 as per BEE.	Each	1,900.00
2323	300 mm, 230V, A.C. exhaust fan	Each	1,600.00
2324	380 mm, 230V, A.C. exhaust fan	Each	3,700.00
2325	450 mm, 230V, A.C. exhaust fan	Each	4,700.00
2326	400 mm, 230V, A.C. wall/cabin fan	Each	2,500.00
2327	600 mm wall mounted air circulator fan, heavy duty	Each	6,800.00

Code No.	DESCRIPTION	Unit	Rate
2328	150 mm (RPM 1300/1400) PVC Exhaust square box Fan with inbuilt louvre shutter	Each	1100.00
2329	200 mm (RPM 1300/1400) PVC Exhaust square box Fan with inbuilt louvre shutter	Each	1250.00
2330	250 mm (RPM 1300/1400) PVC Exhaust square box Fan with inbuilt louvre shutter	Each	1400.00

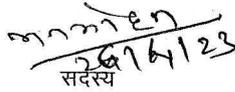
  
26/4/23

सदस्य  
राज्यस्तरीय अनुसूचित दर निर्धारण  
समिति-सह-अभियंता प्रमुख,  
भवन निर्माण विभाग, बिहार, पटना।

  
26/4/23

सदस्य  
राज्यस्तरीय अनुसूचित दर निर्धारण  
समिति-सह-अभियंता प्रमुख,  
ग्रामीण कार्य विभाग, बिहार, पटना।

सदस्य  
राज्यस्तरीय अनुसूचित दर  
निर्धारण  
समिति-सह-अभियंता प्रमुख,  
लघु जल संसाधन विभाग,  
बिहार, पटना।

  
26/4/23

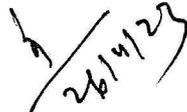
सदस्य  
राज्यस्तरीय अनुसूचित दर निर्धारण  
समिति-सह-मुख्य अभियंता (असै०),  
बिहार स्टेट पावर होल्डिंग कंपनी  
लिमिटेड, बिहार, पटना।

  
26/4/23

सदस्य  
राज्यस्तरीय अनुसूचित दर निर्धारण  
समिति-सह-मुख्य अभियंता (विद्युत),  
भवन निर्माण विभाग, बिहार, पटना।

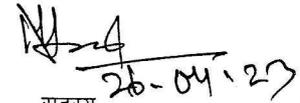
  
26/4/23

सदस्य  
राज्यस्तरीय अनुसूचित दर  
निर्धारण  
समिति-सह-अभियंता प्रमुख,  
तकनीकी परीक्षण कोषांग,  
निगरानी विभाग, बिहार,  
पटना।

  
26/4/23

सदस्य  
राज्यस्तरीय अनुसूचित दर निर्धारण  
समिति-सह-अभियंता प्रमुख, लोक  
स्वास्थ्य अभियंत्रण विभाग, बिहार, पटना।

सदस्य  
राज्यस्तरीय अनुसूचित दर निर्धारण  
समिति-सह-अभियंता प्रमुख, मुख्यालय  
जल संसाधन विभाग, बिहार, पटना।

  
26-04-23

सदस्य  
राज्यस्तरीय अनुसूचित दर  
निर्धारण  
समिति-सह-अभियंता प्रमुख,  
(मुख्यालय), पथ निर्माण  
विभाग, बिहार, पटना।



## CHAPTER 1 - WIRING

Code No.	Description	Unit	Rate (₹)
<b>COPPER WIRING IN PVC CONDUIT</b>			
1.1.	Wiring for light point/ fan point/ exhaust fan point/ call bell point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable in surface / recessed medium class PVC conduit with piano type switch, phenolic laminated sheet, suitable size M.S./PVC box etc as required.		
1.1.1	Group 'A'	Point	756
1.1.2	Group 'B'	Point	922
1.1.3	Group 'C'	Point	1120
1.2	Wiring for twin control light point with 1.5 sq. mm FRLS PVC insulated copper conductor single core cable in surface / recessed medium class PVC conduit, 2 way piano type switch, phenolic laminated sheet, suitable size PVC / MS box etc as required	Point	1133
1.3	Wiring for light point/ fan point/ exhaust fan point/ call bell point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable in surface / recessed medium class PVC conduit with modular switch , modular plate, suitable size G.I. box etc as required.		
1.3.1	Group A	Point	782
1.3.2	Group B	Point	947
1.3.3	Group C	Point	1146
1.4	Wiring for twin control light point with 1.5 sq. mm FRLS PVC insulated copper conductor single core cable in surface / recessed medium class PVC conduit, 2 way modular switch, modular plate, suitable GI box etc as required.	Point	1248
1.5	Wiring for light/ power plug with 2 X 4 sq. mm FRLS PVC insulated copper conductor single core cable in surface / recessed medium class PVC conduit along with 1 Nos 4 sq. mm FR PVC insulated copper conductor single core cable for loop earthing as required.	Meter	309
1.6	Wiring for light/ power plug with 4 X 4 sq. mm FRLS PVC insulated copper conductor single core cable in surface / recessed medium class PVC conduit along with 2 Nos 4 sq. mm FR PVC insulated copper conductor single core cable for loop earthing as required.	Meter	523
1.7	Wiring for circuit/ submain wiring alongwith earth wire with the following sizes of FRLS PVC insulated copper conductor, single core cable in surface/ recessed medium class PVC conduit as required.		
1.7.1	2 X 1.5 sq. mm + 1 X 1.5 sq. mm earth wire	Meter	201
1.7.2	2 X 2.5 sq. mm + 1 X 2.5 sq. mm earth wire	Meter	246

Code No.	Description	Unit	Rate (₹)
1.7.3	2 X 4 sq. mm + 1 X 4 sq. mm earth wire	Meter	309
1.7.4	2 X 6 sq. mm + 1 X 6 sq. mm earth wire	Meter	422
1.7.5	2 X 10 sq. mm + 1 X 6 sq. mm earth wire	Meter	557
1.7.6	2 X 16 sq. mm + 1 X 6 sq. mm earth wire	Meter	775
1.7.7	2 X 25 sq. mm + 1 X 6 sq. mm earth wire	Meter	1206
1.7.8	2 X 35 sq. mm + 1 X 6 sq. mm earth wire	Meter	1614
1.7.9	4 X 2.5 sq. mm + 1 X 2.5 sq. mm earth wire	Meter	348
1.7.10	4 X 4 sq. mm + 1 X 4 sq. mm earth wire	Meter	459
1.7.11	4 X 6 sq. mm + 1 X 6 sq. mm earth wire	Meter	660
1.7.12	4 X 10 sq. mm + 1 X 6 sq. mm earth wire	Meter	925
1.7.13	4 X 16 sq. mm + 1 X 6 sq. mm earth wire	Meter	1312
1.7.14	4 X 25 sq. mm + 1 X 6 sq. mm earth wire	Meter	2235
1.7.15	4 X 35 sq. mm + 1 X 6 sq. mm earth wire	Meter	2978
1.8	DELETED		
1.9	DELETED		
1.10	DELETED		
1.11	DELETED		
1.12	DELETED		
1.13	Rewiring for light point/ fan point/ exhaust fan point/ call bell point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable wire in existing surface / recessed medium class PVC conduit including dismantling as required.		
1.13.1	Group 'A'	Point	389
1.13.2	Group 'B'	Point	443
1.13.3	Group 'C'	Point	611
1.14	Rewiring for twin control light point point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable in existing surface / recessed medium class PVC conduit including dismantling as required.	Point	611
1.15	Supplying and drawing following sizes of FRLS PVC insulated copper conductor, single core cable in the existing surface/ recessed PVC conduit as required.		
1.15.1	1 X 1.5 sq. mm	Meter	38
1.15.2	2 X 1.5 sq. mm	Meter	66
1.15.3	3 X 1.5 sq. mm	Meter	93



Code No.	Description	Unit	Rate (₹)
1.15.4	4 X 1.5 sq. mm	Meter	120
1.15.5	5 X 1.5 sq. mm	Meter	153
1.15.6	6 X 1.5 sq. mm	Meter	180
1.15.7	7 X 1.5 sq. mm	Meter	213
1.15.8	8 X 1.5 sq. mm	Meter	240
1.15.9	9 X 1.5 sq. mm	Meter	278
1.15.10	10 X 1.5 sq. mm	Meter	303
1.15.11	2 X 2.5 sq. mm	Meter	96
1.15.12	3 X 2.5 sq. mm	Meter	138
1.15.13	4 X 2.5 sq. mm	Meter	180
1.15.14	5 X 2.5 sq. mm	Meter	228
1.15.15	6 X 2.5 sq. mm	Meter	270
1.15.16	7 X 2.5 sq. mm	Meter	318
1.15.17	8 X 2.5 sq. mm	Meter	361
1.15.18	9 X 2.5 sq. mm	Meter	414
1.15.19	10 X 2.5 sq. mm	Meter	456
1.15.20	2 X 4 sq. mm	Meter	144
1.15.21	3 X 4 sq. mm	Meter	207
1.15.22	4 X 4 sq. mm	Meter	276
1.15.23	5 X 4 sq. mm	Meter	342
1.15.24	6 X 4 sq. mm	Meter	405
1.15.25	7 X 4 sq. mm	Meter	470
1.15.26	8 X 4 sq. mm	Meter	533
1.15.27	9 X 4 sq. mm	Meter	599
1.15.28	10 X 4 sq. mm	Meter	668
1.15.29	2 X 6 sq. mm	Meter	213
1.15.30	3 X 6 sq. mm	Meter	308
1.15.31	4 X 6 sq. mm	Meter	409
1.15.32	5 X 6 sq. mm	Meter	504
1.15.33	6 X 6 sq. mm	Meter	610
1.15.34	7 X 6 sq. mm	Meter	705
1.15.35	8 X 6 sq. mm	Meter	806
1.15.36	9 X 6 sq. mm	Meter	901
1.15.37	10 X 6 sq. mm	Meter	999

07

Code No.	Description	Unit	Rate (₹)
1.16	Supplying and drawing following pair 0.5 sq. mm FR PVC insulated annealed copper conductor, unarmoured telephone cable in the existing surface/ recessed PVC conduit as required.		
1.16.1	1 Pair	Meter	23
1.16.2	2 Pair	Meter	31
1.16.3	4 Pair	Meter	49
1.17	Supplying and drawing co-axial TV cable RG-6 grade, 0.7 mm solid copper conductor PE insulated, shielded with fine tinned copper braid and protected with PVC sheath in the existing surface/ recessed PVC conduit as required.	Meter	42
1.18	DELETED		
1.19	DELETED		
1.20	DELETED		
1.21	Supplying and fixing of following sizes of medium class PVC conduit along with accessories in surface/ recess including cutting the wall and making good the same in case of recessed conduit as required.		
1.21.1	20 mm	Metre	102
1.21.2	25 mm	Metre	120
1.21.3	32 mm	Metre	162
1.21.4	40 mm	Metre	204
1.21.5	50 mm	Metre	265
1.22	Supplying and fixing metal/ PVC box of following sizes (nominal size) on surface or in recess with suitable size of phenolic laminated sheet cover in front including painting etc as required.		
1.22.1	75 mm X 75 mm X 60 mm deep	Each	139
1.22.2	100 mm X 100 mm X 60 mm deep	Each	172
1.22.3	150 mm X 75 mm X 60 mm deep	Each	179
1.22.4	150 mm X 150 mm X 60 mm deep	Each	264
1.22.5	180 mm X 100 mm X 60 mm deep	Each	210
1.22.6	200 mm X 125 mm X 60 mm deep	Each	276
1.22.7	200 mm X 150 mm X 60 mm deep	Each	311
1.22.8	200 mm X 250 mm X 60 mm deep	Each	424
1.22.9	200 mm X 300 mm X 60 mm deep	Each	485
1.22.10	250 mm X 300 mm X 60 mm deep	Each	573
1.22.11	200 mm X 150 mm X 75 mm deep	Each	319
1.22.12	200 mm X 250 mm X 75 mm deep	Each	445
1.22.13	200 mm X 150 mm X 100 mm deep	Each	352
1.22.14	200 mm X 250 mm X 100 mm deep	Each	465



Code No.	Description	Unit	Rate (₹)
1.22.15	200 mm X 300 mm X 100 mm deep	Each	524
1.22.16	250 mm X 300 mm X 100 mm deep	Each	623
1.23	Supplying and fixing following piano type switch/ socket on the existing switch box/ cover including connections etc. as required.		
1.23.1	5/6 amps switch	Each	37
1.23.2	2 way, 5/6 amps switch	Each	50
1.23.3	15/16 amps switch	Each	102
1.23.4	3 pin , 5/6 amps socket outlet	Each	55
1.23.5	6 pin, 15/16 amps socket outlet	Each	119
1.23.6	Telephone socket outlet	Each	89
1.23.7	TV antenna socket outlet	Each	74
1.23.8	Bell push	Each	61
1.23.9	Step fan regulator, piano type	Each	311
1.24	Supplying and fixing following modular switch/ socket on the existing modular plate & switch box including connections but excluding modular plate etc. as required.		
1.24.1	5/6 amps switch	Each	82
1.24.2	2 way, 5/6 amps switch	Each	131
1.24.3	15/16 amps switch	Each	139
1.24.4	3 pin , 5/6 amps socket outlet	Each	112
1.24.5	6 pin, 15/16 amps socket outlet	Each	183
1.24.6	Telephone socket outlet	Each	131
1.24.7	TV antenna socket outlet	Each	131
1.24.8	Bell push	Each	122
1.25	Supplying and fixing two module stepped type electronic fan regulator on the existing modular plate/ switch box including connections but excluding modular plate etc. as required.	Each	358
1.26	Supplying and fixing modular blanking plate on the existing modular plate & switch box but excluding modular plate as required.	Each	34
1.27	Supplying and fixing following size/ modules, GI box along with modular base and cover plate for modular switches in recess etc as required.		
1.27.1	1 or 2 Module (75mm X 75mm)	Each	234
1.27.2	3 Module (100mm X 75mm)	Each	266
1.27.3	4 Module (125mm X 75mm)	Each	283
1.27.4	6 Module (200mm X 75mm)	Each	345
1.27.5	8 Module (125mm X 125mm)	Each	402

Code No.	Description	Unit	Rate (₹)
1.27.6	12 Module (200mm X 150mm)	Each	501
1.28	Supplying and fixing following Modular base and cover plate on existing modular metal boxes etc. as required.		
1.28.1	1/2 Module	Each	105
1.28.2	3 Module	Each	125
1.28.3	4 Module	Each	132
1.28.4	6 Module	Each	158
1.28.5	8 Module	Each	189
1.28.6	12 Module	Each	254
1.29	Supplying and fixing metal/pvc box of 150mm X 75mm X 60 mm deep (nominal size) on surface or in recess with suitable size of phenolic laminated sheet cover in front including providing and fixing 3 pin 5/6 amps socket outlet and 5/6 amps piano type switch, connections, painting etc. as required.	Each	306
1.30	Supplying and fixing metal/pvc box of 180mm X 100mm X 60 mm deep (nominal size) on surface or in recess with suitable size of phenolic laminated sheet cover in front including providing and fixing 6 pin 5/6 & 15/16 amps socket outlet and 15/16 amps piano type switch, connections, painting etc. as required.	Each	424
1.31	Supplying and fixing suitable size GI box with modular plate and cover in front on surface or in recess including providing and fixing 3 pin 5/6 amps modular socket outlet and 5/6 amps modular switch, connection etc. as required.	Each	414
1.32	Supplying and fixing suitable size GI box with modular plate and cover in front on surface or in recess including providing and fixing 6 pin 5/6 & 15/16 amps modular socket outlet and 15/16 amps modular switch, connection etc. as required.	Each	531
1.33	Supplying and fixing 2 pin, 5/6 amp ceiling rose on the existing junction box/ wooden block including connection etc as required.	Each	64
1.34	Supplying and fixing batten/ angle holder including connection etc. as required.	Each	80
1.35	Erection of wall bracket / ceiling fittings of all sizes and shapes containing upto two GLS lamps per fitting, complete with all accessories including connection etc. as required.	Each	72
1.36	Supplying and fixing call bell / buzzer suitable for single phase, 230 volts complete as required.	Each	88
1.37	Supplying and fixing Ding-Dong call bell suitable for single phase, 230 volts complete as required.	Each	240

Code No.	Description	Unit	Rate (₹)
1.38	Supplying and fixing electronic musical call suitable for single phase, 230 volts complete bell as required.	Each	351
1.39	Providing and fixing plain 16/0.20mm (0.50sq mm) twin flat flexible, FRLS PVC insulated, copper cable, in PVC sleeve of suitable size on the floor /wall, or side of the table /door etc. as required.	Metre	39
1.40	Providing and fixing plain 16/0.20mm (0.50sq mm) twin circular flexible, FRLS PVC insulated, PVC sheathed copper cable,direct on the wall with PVC clips etc. as required.	Metre	39
1.41	Installation, testing and commissioning of pre-wired, flourescent fitting / compact flourescent fitting of all types, complete with all accessories and tube etc. directly on ceiling/ wall, including connection with 1.5 sq. mm FRLS PVC insulated. Copper conductor , single core cable and earthing etc. as required.	Each	134
1.42	Installation, testing and commissioning of pre-wired, flourescent fitting / compact flourescent fitting of all types, complete with all accessories and tube etc. including supplying and fixing ball and socket arrangement, 2 no. down rods of 20mm dia X 1.6 mm thick G.I. pipe upto 30 cm. length, painting and wiring the down rods and connection with 1.5 sq mm FRLS PVC insulated copper conductor, single core cable and earthing etc. as required.	Each	479
1.43	Providing and fixing extra conduit down rod of 20 mm dia, 2X10 cm length wiring with 2X1.5 sq. mm FRLS PVC insulated, copper conductor, single core cable including painting etc etc. as required. (Note:More than 5 cm length shall be rounded to the nearest 10 cm and 5 cm or less shall be ignored)	Each	80
1.44	Installation, testing and commissioning of ceiling fan, including wiring the down rods of standard length ( upto 30 cm ) with 1.5 sq. mm FRLS PVC insulated, copper conductor, single core cable etc. as required.	Each	135
1.45	Installation, testing and commissioning of ceiling fan, including wiring the down rods of standard length ( upto 30 cm ) with 1.5 sq. mm FRLS PVC insulated, copper conductor, single core cable including providing and fixing phenolic laminated sheet cover on the fan box etc. as required.	Each	203
1.46	DELETED		
1.47	Supplying and fixing extra down rod of 10 cm length G.I. pipe, 15 mm dia, heavy guage including painting etc. as required. ( Note : More than 5 cm length shall be rounded to the nearest 10 cm and 5 cm or less shall be ignored)	Each	42











Code No.	Description	Unit	Rate (₹)
1.48	Supplying and fixing extra down rod of 10 cm length G.I. pipe, 20 mm dia, heavy guage including painting etc. as required. ( Note : More than 5 cm length shall be rounded to the nearest 10 cm and 5 cm or less shall be ignored)	Each	49
1.49	Numbering of ceiling fan / exhaust fan/ fluorescent fittings as required.	Each	38
1.50	Installation of exhaust fan in the existing opening, including making good the damage, connection, testing, commissioning etc. as required.		
1.50.1	Upto 450 mm sweep	Each	296
1.50.2	Upto 510 mm sweep	Each	409
1.51	Extra for fixing the louvers/ shutters complete with frame for a exhaust fan of all sizes.	Each	129
1.52	Painting of ceiling fan in installed position with one or more coats of spray painting with synthetic enamel paint of approved brand and manufacture to give an even shade, including cleaning of surface with detergent etc as required.	Each	126
1.53	Supplying and fixing suitable size GI box with modular plate and cover in front on surface or in recess including providing and fixing 25 amps modular socket outlet and 25 amp modular SP MCB 'C' curve, including connections, painting etc. as required.	Each	683
1.54	Supplying and fixing 25 amp modular type SP MCB 'C' curve on the existing modular plate & switch box including connections but excluding modular plate etc. as required.	Each	274
1.55	Supplying and fixing suitable size GI box with modular plate and cover in front on surface or in recess, including providing and fixing 2 nos. 3 pin 5/6 amps modular socket outlet and 2 nos. 5/6 amps modular switch, connection etc. as required.	Each	632
1.56	Supplying and fixing suitable size GI box with modular plate and cover in front on surface or in recess, including providing and fixing 3 nos. 5 pin 5/6 amps modular socket outlet and 2 nos. 5/6 amps modular switch, connection etc. as required.	Each	778
1.57	Supplying and fixing suitable size GI box with modular plate and cover in front on surface or in recess, including providing and fixing 4 nos. 5 pin 5/6 amps modular socket outlet and 4 nos. 5/6 amps modular switch, connection etc. as required.	Each	1064
1.58	Supplying and drawing of UTP 4 pair CAT 6 LAN cable in the existing surface/ recessed PVC conduit as required.		
1.58.1	1 run of cable	Point	52
1.58.2	2 run of cable	Point	93

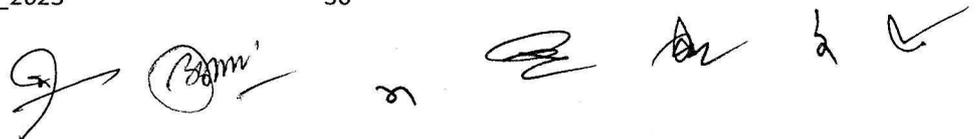


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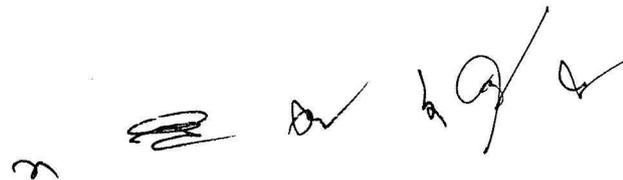
Code No.	Description	Unit	Rate (₹)
1.58.3	3 run of cable	Point	134
1.59	Wiring for group controlled (looped) light point/ fan point/ exhaust fan point/ call bell point (without independent switch etc.) with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable in surface / recessed PVC conduit etc as required.		
1.59.1	Group A	Point	436
1.59.2	Group B	Point	527
1.59.3	Group C	Point	609
1.60	Supplying and fixing suitable size GI box with modular plate and cover in front on surface or in recess including providing and fixing 25 amps modular type motor starter switch (2 module) including connections etc. as required.	Each	828





Code No.	Description	Unit	Rate (₹)
<b>CHAPTER 2 - SWITCHGEARS &amp; DB'S</b>			
2.1	Providing and fixing following capacity double pole/ TP&N sheet metal switch disconnecter fuse unit in the existing metal panel board with rewireable type fuses including drilling holes in metal panel, making connections etc. as required.		
2.1.1	16 Amp, double pole	Each	978
2.1.2	32 Amp, double pole	Each	1946
2.1.3	63 Amp, double pole	Each	4463
2.1.4	32 Amp, TP&N	Each	3057
2.1.5	63 Amp, TP&N	Each	6482
2.1.6	100 Amp, TP&N	Each	11043
2.1.7	200 Amp, TP&N	Each	17661
2.1.8	320 Amp, TP&N	Each	24227
2.2	Providing and fixing following capacity double pole/ TP&N sheet metal switch disconnecter fuse unit in the existing metal panel board with ISI marked HRC fuses including drilling holes in metal panel, making connections etc. as required.		
2.2.1	63 Amp TP&N, HRC	Each	5140
2.2.2	100 Amp TP&N, HRC	Each	9647
2.2.3	200 Amp TP&N, HRC	Each	10246
2.2.4	315 Amp TP&N, HRC	Each	15455
2.2.5	400 Amp TP&N, HRC	Each	18895
2.2.6	630 Amp TP&N, HRC	Each	38452
2.2.7	800 Amp TP&N, HRC	Each	40859
2.3	<b>DELETED</b>		
2.4	Providing and fixing following rating and breaking capacity and pole MCCB with thermomagnetic release and terminal spreaders in existing cubicle panel board including drilling holes in cubicle panel, making connections etc. as required.		
2.4.1	100 A, 30 KA, FPMCCB	Each	8172
2.4.2	125 A, 36 KA, FPMCCB	Each	8676
2.4.3	160 A, 36 KA, FPMCCB	Each	13698
2.4.4	200 A, 36 KA, FPMCCB	Each	16190
2.4.5	250 A, 36 KA, FPMCCB	Each	18646
2.4.6	250 A, 50 KA, FPMCCB	Each	19613
2.4.7	400 A, 50 KA, FPMCCB	Each	45651



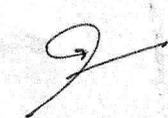


Code No.	Description	Unit	Rate (₹)
2.4.8	630 A, 50 KA, FPMCCB	Each	46109
2.4.9	25/100 A, 16 KA, TPMCCB	Each	3934
2.4.10	125 A, 16 KA, TPMCCB	Each	5037
2.4.11	150 A, 16 KA, TPMCCB	Each	6294
2.4.12	200 A, 16 KA, TPMCCB	Each	8101
2.4.13	200 A, 25 KA, TPMCCB	Each	11672
2.4.14	250 A, 25 KA, TPMCCB	Each	13776
2.4.15	250 A, 35 KA, TPMCCB	Each	14739
2.4.16	315 A, 35 KA, TPMCCB	Each	22994
2.4.17	400 A, 35 KA, TPMCCB	Each	22994
2.4.18	500 A, 35 KA, TPMCCB	Each	27209
2.4.19	630 A, 50 KA, TPMCCB	Each	29686
2.4.20	800 A, 50 KA, TPMCCB	Each	38599
2.5	Providing and fixing following capacity busbar chamber with 4 strips of suitable size made of copper, heavy duty, complete with all accessories including connections, earthing the body etc. as required.		
2.5.1	63 A	Each	3881
2.5.2	100 A	Each	5019
2.5.3	200 A	Each	10550
2.5.4	315/300 A	Each	12883
2.5.5	400 A	Each	19048
2.5.6	500 A	Each	26329
2.5.7	600/630 A	Each	31104
2.5.8	800 A	Each	41568
2.6	Providing and fixing following capacity double pole/ four pole OFF-load changeover switches with side handle operation, in sheet enclosure in existing metal board, including drilling holes in metal panel, making connections etc. as required.		
2.6.1	32 A, double pole	Each	2035
2.6.2	63 A, double pole	Each	4418
2.6.3	32 A, four pole	Each	3532
2.6.4	63 A, four pole	Each	8125
2.6.5	100 A, four pole	Each	13460
2.6.6	200 A, four pole	Each	20191
2.6.7	320/300 A, four pole	Each	27296
2.6.8	400 A, four pole	Each	38065
2.6.9	600/630 A, four pole	Each	51580



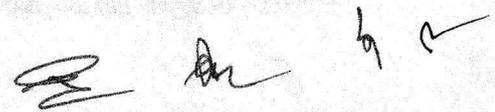
Code No.	Description	Unit	Rate (₹)
2.7	Providing and fixing following capacity four pole ON-load panel mounted changeover switches inside the existing cubical panel board including drilling holes in cubicle panel, making connections etc. as required.		
2.7.1	40 A	Each	7135
2.7.2	63 A	Each	8480
2.7.3	100 A	Each	9334
2.7.4	125 A	Each	12543
2.7.5	160 A	Each	17096
2.7.6	200 A	Each	18271
2.7.7	250 A	Each	21415
2.7.8	320 A	Each	30787
2.7.9	400 A	Each	34409
2.7.10	630 A	Each	49446
2.8	Supplying and fixing following way single pole & neutral, sheet steel, MCB distribution board, 240 volts, on surface/ recess, complete with tinned copper bus bar, neutral bus-bar, earth bar, din bar, interconnections, powder painted including earthing etc. as required. (But without MCB/RCCB/Isolator)		
2.8.1	2+2 way, Single door	Each	1447
2.8.2	2+4 way, Single door	Each	1399
2.8.3	2+6 way, Single door	Each	1713
2.8.4	2+10 way, Single door	Each	1972
2.8.5	6 way, Double door	Each	2197
2.8.6	8 way, Double door	Each	2591
2.8.7	12 way, Double door	Each	2314
2.8.8	14 way, Double door	Each	3201
2.9	Supplying and fixing following way, horizontal type three pole & neutral, sheet steel, MCB distribution board, 415 volts, on surface/ recess, complete with tinned copper bus-bar, neutral bus bar, earth bar, din bar, interconnections, powder painted including earthing etc. as required. (But without MCB/RCCB/Isolator)		
2.9.1	4 way ( 4 + 12 ), Double door, horizontal type	Each	4184
2.9.2	6 way ( 4 + 18 ), Double door, horizontal type	Each	5132
2.9.3	8 way ( 4 + 24 ), Double door, horizontal type	Each	6199

Code No.	Description	Unit	Rate (₹)
2.10	Supplying and fixing following ways, surface/ recess mounting, vertical type, 415 volts, TPN MCB distribution board of sheet steel, dust protected, duly powder painted, inclusive of 200 amp tinned copper bus bar, common neutral link, earth bar, din bar, for mounting MCB's (but without MCB's and incomer) as required. (Note : Vertical type MCB TPDB is normally used where 3 phase outlets are required.)		
2.10.1	4 way ( 4 + 12 ), Double door, Vertical type	Each	7857
2.10.2	8 way ( 4 + 24 ), Double door, Vertical type	Each	10707
2.10.3	12 way ( 4 + 36 ), Double door, Vertical type	Each	13572
2.11	DELETED		
2.12	Supplying and fixing following rating, 240/415 volts, "C" curve, miniature circuit breaker suitable for inductive loads of following poles in the existing MCB DB complete with connections, testing and commissioning etc. as required.		
2.12.1	6 A to 32 A, Single pole	Each	237
2.12.2	6 A to 32 A, SP&N	Each	606
2.12.3	6 A to 32 A, TP	Each	1044
2.12.4	6 A to 32 A, TP&N	Each	1282
2.12.5	40 A to 63 A, Single pole	Each	557
2.12.6	40 A to 63 A, SPN	Each	1233
2.12.7	40 A to 63 A, TP	Each	1859
2.12.8	40 A to 63 A, TP&N	Each	2329
2.13	Supplying and fixing following rating, 240/415 volts, "C" curve, miniature circuit breaker suitable for inductive loads of following poles in the existing MCB DB complete with connections, testing and commissioning etc. as required.		
2.13.1	6 A to 32 A, double pole	Each	667
2.13.2	6 A to 32 A, four pole	Each	1575
2.13.3	40 A to 63 A, double pole	Each	1198
2.13.4	40 A to 63 A, four pole	Each	2324
2.14	Supplying and fixing single pole blanking plate in the existing MCB DB complete etc. as required.	Each	13
2.15	Supplying and fixing following rating, double pole, 240 volts, isolator in the existing MCB DB complete with connections, testing and commissioning etc. as required.		
2.15.1	40 Amps	Each	429
2.15.2	63 Amps	Each	529









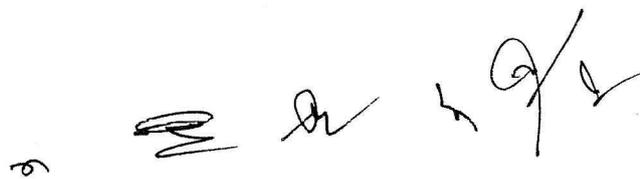
Code No.	Description	Unit	Rate (₹)
2.16	Supplying and fixing following rating, four pole, 415 volts, isolator in the existing MCB DB complete with connections, testing and commissioning etc. as required.		
2.16.1	40 Amps	Each	967
2.16.2	63 Amps	Each	1035
2.16.3	100 Amps	Each	1243
2.17	Supplying and fixing following rating, double pole, (single phase and neutral), 240 volts, residual current circuit breaker (RCCB), having a sensitivity current upto 30 mA in the existing MCB DB complete with connections, testing and commissioning etc. as required.		
2.17.1	25 Amps	Each	2131
2.17.2	40 Amps	Each	2791
2.17.3	63 Amps	Each	2876
2.18	Supplying and fixing following rating, four pole, (three phase and neutral), 415 volts, residual current circuit breaker (RCCB), having a sensitivity current upto 30 milliamperes in the existing MCB DB complete with connections, testing and commissioning etc. as required.		
2.18.1	25 Amps	Each	2703
2.18.2	40 Amps	Each	3348
2.18.3	63 Amps	Each	3010
2.19	Supplying and fixing 20 amps, 240 volts, SPN industrial type, socket outlet, with 2 pole and earth, metal enclosed plug top alongwith 20 amps "C" curve, SP MCB, in sheet steel enclosure, on surface or in recess, with chained metal cover for the socket outlet and complete with connections, testing and commissioning etc. as required.	Each	1513
2.20	Providing and fixing M.V. danger notice plate of 200 mm X 150 mm, made of mild steel at least 2 mm thick, vitreous enameled white on both sides, and with inscription in single red colour on front side as required.	Each	214
2.21	Providing and fixing H.T. danger notice plate of 250 mm X 200 mm, made of mild steel at least 2 mm thick, vitreous enameled white on both sides, and with inscription in single red colour on front side as required.	Each	239
2.22	Supplying and fixing wall mounted metal board of welded construction, fabricated with minimum 35 mm X 35 mm X 5 mm angle iron frame work, with 25 mm X 6 mm flat iron as intermediate members including painting etc. as required.		
		Sq. mtr	5644

Code No.	Description	Unit	Rate (₹)
2.23	Supplying and fixing wall mounted metal board of welded construction, fabricated with minimum 25 mm X 25 mm X 3 mm angle iron frame work, with 20 mm X 3 mm flat iron as intermediate members including painting etc. as required.	Sq. mtr	3543
2.24	Supplying and fixing wall mounted metal board of welded construction, fabricated with minimum 25 mm X 4 mm angle iron frame work, with intermediate members same size including painting etc. as required.	Sq. mtr	3275
2.25	Supplying and fixing 20 amps, 415 volts, TPN industrial type, socket outlet, with 4 pole and earth, metal enclosed plug top alongwith 20 amps "C" curve, TP MCB, in sheet steel enclosure, on surface or in recess, with chained metal cover for the socket outlet and complete with connections, testing and commissioning etc. as required.	Each	3008
2.26	Supplying and fixing 30 amps, 415 volts, TPN industrial type, socket outlet, with 4 pole and earth, metal enclosed plug top alongwith 30 amps "C" curve, TP MCB, in sheet steel enclosure, on surface or in recess, with chained metal cover for the socket outlet and complete with connections, testing and commissioning etc. as required.	Each	4637
2.27	Supplying and fixing DP sheet steel enclosure on surface/ recess along with 25/32 amps 240 volts, "C" curve DP MCB complete with connections, testing and commissioning etc. as required.	Each	1162
2.28	Supplying and fixing DP sheet steel enclosure on surface/ recess along with 40/63 amps 240 volts, "C" curve DP MCB complete with connections, testing and commissioning etc. as required.	Each	1692
2.29	Supplying and fixing TP sheet steel enclosure on surface/ recess along with 25/32 amps 415 volts, "C" curve TP MCB complete with connections, testing and commissioning etc. as required.	Each	1616
2.30	Supplying and fixing TP sheet steel enclosure on surface/ recess along with 40/63 amps 415 volts, "C" curve TP MCB complete with connections, testing and commissioning etc. as required.	Each	2431
2.31	Supplying and fixing following rating and pole, 240/415 volts, MCB type changeover in the existing MCB DB complete with connections, testing and commissioning etc. as required.		
2.31.1	63 Amps, 2 pole	Each	2188
2.31.2	40 Amps, 4 pole	Each	3203
2.31.3	63 Amps, 4 pole	Each	4151

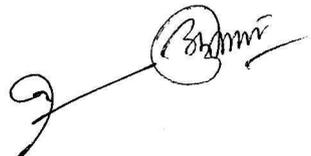


Code No.	Description	Unit	Rate (₹)
2.32	Supplying and fixing Cable end box (Loose wire box, IP43) suitable for following pole and neutral, sheet steel, MCB distribution board, 240/415 V, on surface /recess complete with testing and commissioning etc. as required.		
2.32.1	For 6 way, Double door SPN MCBDB	Each	711
2.32.2	For 8/10 way, Double door SPN MCBDB	Each	798
2.32.3	For 14 way, Double door SPN MCBDB	Each	872
2.32.4	For 4 way, Double door TPN MCBDB	Each	1064
2.32.5	For 6 way, Double door TPN MCBDB	Each	1111
2.32.6	For 8 way, Double door TPN MCBDB	Each	1342
2.32.7	For Vertical, Double door TPN MCBDB	Each	1161
2.33	Supplying and fixing following ways, surface/recess mounting, Vertical three phase distribution board ( VTPN DB's ) of CRCA sheet steel, dust protected, duly powder painted suitable for upto 160 amp, four pole MCCB as Incomer and SP/TP MCB's as outgoing inclusive of tinned copper bus bar, common neutral link, earth bar, din bar for mounting MCB's etc as required. (but without MCCB & MCBs)		
2.33.1	4 way, Double door, I/C 160A, MCCB	Each	12107
2.33.2	6 way, Double door, I/C 160A, MCCB	Each	13710
2.33.3	8 way, Double door, I/C 160A, MCCB	Each	15057
2.33.4	12 way, Double door, I/C 160A, MCCB	Each	20409
2.34	Supplying and fixing following ways, surface/recess mounting, Vertical three phase distribution board ( VTPN DB's ) of CRCA sheet steel, dust protected, duly powder painted suitable for upto 250 amp, four pole MCCB's as Incomer and SP/TP MCB's as outgoing inclusive of tinned copper bus bar, common neutral link, earth bar, din bar for mounting MCBs etc as required. (but without MCCB's & MCBs)		
2.34.1	4 way, Double door, I/C 250A, MCCB	Each	19610
2.34.2	6 way, Double door, I/C 250A, MCCB	Each	20954
2.34.3	8 way, Double door, I/C 250A, MCCB	Each	22536
2.34.4	12 way, Double door, I/C 250A, MCCB	Each	23736
2.35	Supplying and fixing of following capacity porcelain fuse Link, rewirable type, 240/415 volts, ISI marked, including drilling holes in board, making connections etc. as required.		
2.35.1	16 amp.	Each	216
2.35.2	32 amp.	Each	316
2.35.3	63 amp.	Each	591





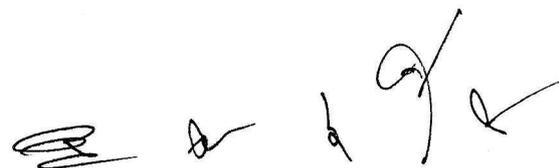
Code No.	Description	Unit	Rate (₹)
2.35.4	100 amp.	Each	759
2.35.5	200 amp.	Each	1504
2.35.6	320 amp.	Each	1787





Code No.	Description	Unit	Rate (₹)
<b>CHAPTER 3 - EARTHING</b>			
3.1	Earthing with G.I. earth pipe 4.5 metre long, 40 mm dia including accessories, and providing masonry enclosure with cover plate having locking arrangement and watering pipe etc. ( but without charcoal/ coke and salt ) as required.	Set	5033
3.2	Earthing with G.I. earth pipe 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.	Set	6323
3.3	Earthing with G.I. earth plate 600 mm X 600 mm X 6 mm thick including accessories, and providing masonry enclosure with cover plate having locking arrangement and watering pipe 2.7 metre long etc. ( but without charcoal/ coke and salt ) as required.	Set	5578
3.4	Earthing with G.I. earth plate 600 mm X 600 mm X 6 mm thick including accessories, and providing masonry enclosure with cover plate having locking arrangement and watering watering pipe 2.7 metre long etc. with charcoal/ coke and salt as required.	Set	6884
3.5	Earthing with copper earth plate 600mmX600mmX3mm thick including accessories, and providing masonry enclosure with cover plate having locking arrangement and watering pipe 2.7 metre long etc. ( but without charcoal/ coke and salt ) as required.	Set	12415
3.6	Earthing with copper earth plate 600 mm X 600 mm X 3 mm thick including accessories, and providing masonry enclosure with cover plate having locking arrangement and watering pipe 2.7 metre long etc. with charcoal/ coke and salt as required.	Set	13721
3.7	Supplying and laying 6 SWG G.I. wire at 0.50 metre below ground level for conductor earth electrode, including connection/ termination with GI thimble as required.	Metre	37
3.8	Supplying and laying 25 mm X 5 mm copper strip at 0.50 metre below ground as strip earth electrode, including connection/ termination with nut, bolt, spring, washer etc. as required. (Jointing shall be done by overlapping with 2 sets of brass nut bolt and & spring washer spaced at 50 mm)	Metre	1026
3.9	Supplying and laying 25 mm X 6 mm G.I. strip at 0.50 metre below ground as strip earth electrode, including connection/ termination with GI nut, bolt, spring, washer etc. as required. (Jointing shall be done by overlapping with 2 sets of G.I. nut bolt & spring washer spaced at 50 mm)	Metre	133





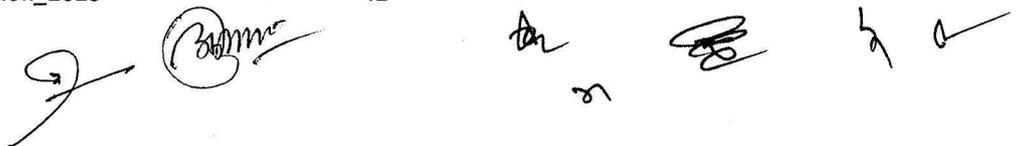
Code No.	Description	Unit	Rate (₹)
3.10	Supplying and laying 25 mm X 5 mm copper strip in 40 mm dia G.I. pipe from earth electrode, including connection with brass nut, bolt, spring, washer excavation and refilling etc. as required.	Metre	1628
3.11	Supplying and laying 25 mm X 5 mm G.I. strip in 40 mm dia G.I. pipe from earth electrode, including connection with G.I. nut, bolt, spring, washer excavation and refilling etc. as required.	Metre	721
3.12	Supplying and laying earth connection from earth electrode with 6 SWG dia G.I. wire in 15 mm dia G.I. pipe from earth electrode including connection with G.I. thimble excavation and refilling etc. as required.	Metre	278
3.13	Supplying and laying earth connection from earth electrode with 4.00 mm dia copper wire in 15 mm dia G.I. pipe from earth electrode including connection with copper thimble excavation and refilling etc. as required.	Metre	367
3.14	Providing and fixing 25 mm X 5 mm copper strip on surface or in recess for connections etc. as required.	Metre	1180
3.15	Providing and fixing 25 mm X 5 mm G.I. strip on surface or in recess for connections etc. as required.	Metre	195
3.16	Providing and fixing 6 SWG dia G.I. wire on surface or in recess for loop earthing etc. as required.	Metre	53
3.17	Providing and fixing 4.00 mm dia copper wire on surface or in recess for loop earthing etc. as required.	Metre	144
3.18	Providing and fixing 6 SWG dia G.I. wire on surface or in recess for loop earthing along with existing surface/ recessed conduit/ submain wiring/ cable as required.	Metre	31
3.19	Providing and fixing 4.0 mm dia copper wire on surface or in recess for loop earthing along with existing surface/ recessed conduit/ submain wiring/ cable as required.	Metre	122
3.20	Providing and fixing earth bus of 50 mm X 5 mm copper strip on surface for connections etc. as required.	Metre	2193
3.21	Providing chemical/mineral maintenance free earthing system comprising of copper coated earth electrode 3 metre length and 17.2 mm outer dia along with 25 kg earth conductivity enhancing back fill mineral compound for earth electrode to fill up the excavated earth and earth inspection pit etc. as required.	Set	16675

*[Handwritten signatures and initials]*

Code No.	Description	Unit	Rate (₹)
<b>CHAPTER 4 - LIGHTNING CONDUCTOR</b>			
4.1	Providing and fixing lightning conductor finial, made of 25 mm dia 300 mm long, copper tube, having single prong on top, with 85 mm dia 3 mm thick copper base plate including holes etc. complete as required.	Each	1056
4.2	Providing and fixing lightning conductor finial, made of 25 mm dia 300 mm long, G.I. tube, having single prong at top, with 85 mm dia 6 mm thick G.I. base plate including holes etc. complete as required.	Each	416
4.3	Fixing of lightning conductor finial (single prong) with base plate including holes etc. as required.	Each	224
4.4	Jointing copper/ G.I. tape ( with another copper/ G I tape, base of the finial or any other metallic object ) by riveting/ nut bolting sweating and soldering etc. as required.	Each	81
4.5	Providing and fixing copper tape 20 mm X 3 mm thick on parapet or surface of wall for lightning conductor complete as required. ( For horizontal run)	Metre	516
4.6	Providing and fixing copper tape 20 mm X 3 mm thick on parapet or surface of wall for lightning conductor complete as required. ( For vertical run)	Metre	559
4.7	Providing and fixing G.I. tape 20 mm X 3 mm thick on parapet or surface of wall for lightning conductor complete as required. ( For horizontal run)	Metre	102
4.8	Providing and fixing G.I. tape 20 mm X 3 mm thick on parapet or surface of wall for lightning conductor complete as required. ( For vertical run)	Metre	145
4.9	Fixing of copper / G.I. tape 20 mm X 3 mm thick on parapet or surface of wall for lightning conductor complete as required. ( For horizontal run)	Metre	52
4.10	Fixing of copper / G.I. tape 20 mm X 3 mm thick on parapet or surface of wall for lightning conductor complete as required. ( For vertical run)	Metre	107
4.11	Providing and fixing testing joint, made of 20 mm X 3 mm thick copper strip, 125 mm long, with 4 nos. of tinned brass bolts, nuts, chuk nuts and spring washers etc. complete as required.	Each	274
4.12	Providing and fixing testing joint, made of 20 mm X 3 mm thick G.I. strip, 125 mm long, with 4 nos. of tinned G.I. bolts, nuts, chuk nuts and spring washers etc. complete as required.	Each	102
4.13	Providing and laying copper tape 32 mm X 6 mm from earth electrode directly in ground as required.	Metre	1530



Code No.	Description	Unit	Rate (₹)
4.14	Providing and laying G.I. tape 32 mm X 6 mm from earth electrode directly in ground as required.	Metre	174 ✓
4.15	Laying copper/ G.I. tape 32 mm X 6 mm from earth electrode directly in ground as required.	Metre	45 ✓



Code No.	Description	Unit	Rate (₹)
<b>CHAPTER 5 - LED LUMINAIRES</b>			
5.1	Supplying and fixing 4'X18 watt LED batten with minimum efficacy 100 lm/w in polycarbonate housing and complete with integrated electronic driver etc directly on wall/ ceiling including connections with 1.5 sq.mm FRLS PVC insulated copper conductor etc. as required.	Each	521
5.2	Supplying and fixing 2'X9 watt LED batten with minimum efficacy 100 lm/w in polycarbonate housing and complete with integrated electronic driver etc directly on wall/ ceiling including connections with 1.5 sq.mm FRLS PVC insulated copper conductor etc. as required.	Each	492
5.3	Supplying and fixing 4'X20 watt LED batten with minimum efficacy 100 lm/w in aluminium housing and complete with integrated electronic driver etc directly on wall/ ceiling including connections with 1.5 sq.mm FRLS PVC insulated copper conductor etc. as required. (For Non-residential building)	Each	762
5.4	Supplying and fixing replaceable compact commercial batten suitable for Single T8 LED tube complete with 20 watt LED polycarbonate T8 tube with built in driver etc. directly on wall/ ceiling including connections with 1.5 sq.mm FRLS PVC insulated copper conductor etc. as required.	Each	834
5.5	Supplying and fixing replaceable compact commercial batten suitable for Double T8 LED tube complete with 20 watt LED polycarbonate T8 tube with built in driver etc. directly on wall/ ceiling including connections with 1.5 sq.mm FRLS PVC insulated copper conductor etc. as required.	Each	1232
5.6	Supplying and fixing following types aluminium extruded suspended type LED luminaire with minimum efficacy 100 lm/w ensuring uniform and continuous illumination including suspension system complete with electronic driver etc and connection with 1.5 sq.mm FRLS PVC insulated copper conductor cable etc as required.		
5.6.1	4' long X 20/25 watt	Each	2567
5.6.2	4' long X 35/40 watt	Each	4587

Code No.	Description	Unit	Rate (₹)
5.7	Supplying and fixing recess mounted following types LED downlighter with minimum efficacy 100 lm/w in pressure die-cast aluminium housing and integrated electronic driver etc directly on ceiling including connections with 1.5 sq.mm FRLS PVC insulated copper conductor cable etc as required.		
5.7.1	5/7 watt	Each	926 ✓
5.7.2	9/10 watt	Each	1125 ✓
5.7.3	12 watt	Each	1224 ✓
5.7.4	15 watt	Each	1352 ✓
5.7.5	18 watt	Each	1509 ✓
5.7.6	22/24 watt (300mm X 300mm)	Each	2049 ✓
5.8	Supplying and fixing surface mounted following types LED downlighter with minimum efficacy 100 lm/w in pressure die-cast aluminium housing and integrated electronic driver etc directly on ceiling including connections with 1.5 sq.mm FRLS PVC insulated copper conductor cable etc as required.		
5.8.1	9/10 watt	Each	911 ✓
5.8.2	15 watt	Each	1608 ✓
5.8.3	18 watt	Each	1694 ✓
5.9	Supplying and fixing recess mounted 36 watt LED flat panel (2' X 2') with minimum efficacy 100 lm/w which provides soft light and glare free symmetrical illumination suitable for armstrong/grid ceiling and integrated electronic driver etc directly on false ceiling including connections with 1.5 sq.mm FRLS PVC insulated copper conductor cable etc as required.	Each	2663 ✓
5.10	Supplying and fixing 10/12 watt LED type Bulk-head luminaire with minimum efficacy 100 lm/w in comprising of pressure die cast housing, acrylic diffuser, IP 65 protection and complete with integrated electronic driver etc directly on wall/ceiling including connections with 1.5 sq. mm FRLS PVC insulated copper conductor cable etc as required.	Each	1275 ✓
5.11	Supplying and fixing wall mounted light bracket/ fixture made with polycarbonate suitable for single 9/10 watt LED lamp directly on wall including connections etc as required. ( But without lamp )	Each	1340 ✓
5.12	Supplying and fixing post top / garden light (width 200 mm) made up of high grade unbreakable polycarbonate material suitable for upto 7 watt LED lamp including connections and earthing the body etc as required. ( But without lamp)	Each	1114 ✓



Code No.	Description	Unit	Rate (₹)
5.13	Supplying and fixing post top / gate light (width 250/300 mm) made up of high grade unbreakable polycarbonate material suitable for upto 20 watt LED lamp including connections and earthing the body etc as required. ( But without lamp)	Each	1399
5.14	Supplying and fixing following types LED street light with minimum efficacy 100 lm/w in die cast aluminium housing, toughened glass, IP 66 protection and complete with electronic driver etc on pole/building including connection earthing the body etc as required.		
5.14.1	30 watt	Each	2386
5.14.2	45 watt	Each	3382
5.14.3	70 watt	Each	4805
5.14.4	90 watt	Each	5516
5.14.5	120 watt	Each	6654
5.15	Supplying and fixing following types LED Flood light with minimum efficacy 100 lm/w in die cast aluminium housing, toughened glass, IP 66 protection and complete with electronic driver etc on pole/building including connection earthing the body etc as required.		
5.15.1	30 watt	Each	2528
5.15.2	50 watt	Each	3809
5.15.3	70 watt	Each	4947
5.15.4	100 watt	Each	6085
5.15.5	120 watt	Each	7223
5.15.6	150 watt	Each	7650
5.15.7	200 watt	Each	10495







Code No.	Description	Unit	Rate (₹)
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### CHAPTER 6 - LED LAMP & DRIVERS

6.1	Supplying and fixing of following types lamp in the existing electrical fitting/ fixtures etc. as required.		
6.1.1	3 watt LED lamp	Each	125 ✓
6.1.2	5 watt LED lamp	Each	137 ✓
6.1.3	7 watt LED lamp	Each	146 ✓
6.1.4	9/10 watt LED lamp	Each	161 ✓
6.1.5	12 watt LED lamp	Each	239 ✓
6.1.6	15 watt LED lamp	Each	250 ✓
6.1.7	20 watt LED lamp	Each	267 ✓
6.1.8	20 watt T8 LED polycarbonate tube inbuilt driver	Each	353 ✓
6.2	Supplying and fixing of following types LED electronic driver in the existing LED downlighter etc as required.		
6.2.1	For 5/7 watt LED downlighter	Each	398 ✓
6.2.2	For 9/10 watt LED downlighter	Each	469 ✓
6.2.3	For 12/15 watt LED downlighter	Each	555 ✓
6.3	Supplying and fixing of following types LED electronic driver in the existing LED street light etc as required.		
6.3.1	For 30 watt LED street light	Each	1251 ✓
6.3.2	For 45 watt LED street light	Each	1536 ✓
6.3.3	For 70 watt LED street light	Each	1963 ✓
6.3.4	For 90 watt LED street light	Each	2674 ✓
6.3.5	For 120 watt LED street light	Each	3101 ✓
6.4	Supplying and fixing of following types LED electronic driver in the existing LED Flood light etc as required.		
6.4.1	For 30 watt LED Flood light	Each	1150 ✓
6.4.2	For 50 watt LED Flood light	Each	1536 ✓
6.4.3	For 70 watt LED Flood light	Each	1963 ✓
6.4.4	For 100 watt LED Flood light	Each	2247 ✓
6.4.5	For 120 watt LED Flood light	Each	2674 ✓
6.4.6	For 150 watt LED Flood light	Each	3243 ✓
6.4.7	For 200 watt LED Flood light	Each	3812 ✓
6.5	Supplying and fixing of LED electronic driver for 36 watt panel light in the existing LED panel light etc. as required.		
		Each	839 ✓



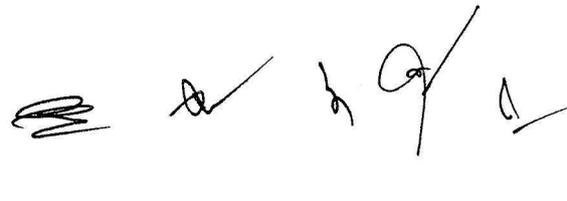
Code No.	Description	Unit	Rate (₹)
<b>CHAPTER 7 - MV/HT CABLE LAYING</b>			
7.1	Laying of one number PVC insulated and PVC sheathed / XLPE power cable of 1.1 KV grade of following size direct in ground including excavation, sand cushioning, protective covering and refilling the trench etc. as required.		
7.1.1	Upto 35 sq. mm	Metre	315 ✓
7.1.2	Above 35 sq. mm and upto 95 sq. mm	Metre	326 ✓
7.1.3	Above 95 sq. mm and upto 185 sq. mm	Metre	336 ✓
7.1.4	Above 185 sq. mm and upto 400 sq. mm	Metre	368 ✓
7.2	Laying of one number additional PVC insulated and PVC sheathed / XLPE power cable of 1.1 KV grade of following size direct in ground in the same trench in one tier horizontal formation including excavation, sand cushioning, protective covering and refilling the trench etc. as required.		
7.2.1	Upto 35 sq. mm	Metre	222 ✓
7.2.2	Above 35 sq. mm and upto 95 sq. mm	Metre	232 ✓
7.2.3	Above 95 sq. mm and upto 185 sq. mm	Metre	243 ✓
7.2.4	Above 185 sq. mm and upto 400 sq. mm	Metre	274 ✓
7.3	Laying of one number PVC insulated and PVC sheathed / XLPE power cable of 1.1 KV grade of following size direct in ground including excavation and refilling the trench etc as required but excluding sand cushioning and protective covering.		
7.3.1	Upto 35 sq. mm	Metre	122 ✓
7.3.2	Above 35 sq. mm and upto 95 sq. mm	Metre	132 ✓
7.3.3	Above 95 sq. mm and upto 185 sq. mm	Metre	143 ✓
7.3.4	Above 185 sq. mm and upto 400 sq. mm	Metre	174 ✓
7.4	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.		
7.4.1	Upto 35 sq. mm (Clamped with 1 mm thick saddle)	Metre	43 ✓
7.4.2	Above 35 sq. mm and upto 95 sq. mm (Clamped with 25 x 3 mm MS flat clamp)	Metre	109 ✓
7.4.3	Above 95 sq. mm and upto 185 sq. mm (Clamped with 25/40 x 3 mm MS flat clamp)	Metre	124 ✓
7.4.4	Above 185 sq. mm and upto 400 sq. mm (Clamped with 40 x 3 mm MS flat clamp)	Metre	171 ✓

Code No.	Description	Unit	Rate (₹)
7.5	Laying of one number PVC insulated and PVC sheathed / XLPE power cable of 11 KV grade of following size direct in ground including excavation, sand cushioning, protective covering and refilling the trench etc. as required.		
7.5.1	Upto 120 sq. mm	Metre	399
7.5.2	Above 120 sq. mm and upto 400 sq. mm	Metre	431

Code No.	Description	Unit	Rate (₹)
<b>CHAPTER 8 - LIGHTING POLE, FAN &amp; PANEL</b>			
8.1	Erection of metallic pole of following length in cement concrete 1:3:6 (1 cement : 3 coarse sand : 6 graded stone aggregate 40 mm nominal size ) foundation including excavation and refilling etc. as required.		
8.1.1	Above 4.5 metre and upto 6.5 metre	Each	3771
8.1.2	Above 6.5 metre and upto 8 metre	Each	4597
8.1.3	Above 8 metre and upto 10.0 metre	Each	5495
8.1.4	Above 10.00 metre and upto 12.00 metre	Each	6478
8.2	Erection of steel tubular or rail pole strut in cement concrete 1:3:6 (1 cement : 3 coarse sand : 6 graded stone aggregate 40 mm nominal size ) foundation including excavation and refilling and secured with holding clamps, bolts, nuts etc. as required.	Each	6399
8.3	Providing and making steel pole collar with cement concrete 1:3:6 (1 cement : 3 coarse sand : 6 stone aggregate 20 mm ) of specified size and shape including form work, plastering if required, curing etc. as required. (volume of pole/pipe not to be deducted)	Cum	7501
8.4	Supplying and embedding following dia G.I. pipe (medium class) in pole collar/ foundation (during casting) for cable entry including bending the pipe to the required shape complete as required.		
8.4.1	32 mm dia	Meter	543
8.4.2	40 mm dia	Meter	612
8.5	Supplying and fixing of 32 mm dia X 1.00 metres long G.I. pipe (medium class) bracket for mounting of fluorescent / HPMV/ HPSV/ LED street light fitting on pole including bending the pipe to the required shape, 2 nos 40 mm X 3 mm flat iron clamps with nuts, bolts and washer, painting the flat iron with primer and finish paint etc. as required.	Each	1038
8.6	Supplying and fixing of light class G.I. pipe of 50 mm dia. (nominal) 3 metres length along the pole for protection of under ground cable as required.	Each	2540
8.7	Supplying and fixing of light class G.I. pipe of 80 mm dia. (nominal) 3 metres length along the pole for protection of under ground cable as required.	Each	3658
8.8	Supplying and fixing of light class G.I. pipe of 100 mm dia. (nominal) 3 metres length along the pole for protection of under ground cable as required.	Each	5056

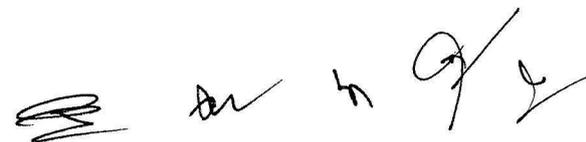



Code No.	Description	Unit	Rate (₹)
8.9	Supply and fixing pole mounted junction box/fuse box for single phase/ 2 core low wattage street light pole with all accessories and connection etc. as required.	Each	825
8.10	Supply and fixing pole mounted junction box/fuse box for three phase/ 4 core high wattage HPSV/LED/MH street light pole with all accessories and connection etc. as required.	Each	967
8.11	Supply and fixing of fabricated Electrical control panel of cubical construction, floor/wall mounted type, fabricated out of 16 SWG CRCA sheet, compartmentalised with hinged doors, dust and vermin proof, powder coated painting of approved shade after 7 tank treatment process, cable alley, internal wiring, earth terminals, Bus bar Chamber, insulator and complete in all respect etc and panel manufactures must be approved by CPRI. (But without RYB indicator, ammeter, voltmeter, inter-connection copper conductor cable/solid copper strip, switchgears etc.)	Sq.ft.	1809
8.12	Supply and fixing fabricated Feeder pillar of cubical construction, floor mounted type, fabricated out of 14 SWG CRCA sheet, compartmentalised with hinged doors, dust and vermin proof, powder coated painting of approved shade after 7 tank treatment process, cable alley, internal wiring, earth terminals, Bus bar Chamber, insulator, with 40mm X 40mm X 5mm angle iron stand and complete in all respect etc and must be CPRI approved panel manufactures. (But without RYB LED lamp, ammeter, voltmeter, inter-connection copper conductor cable/solid copper strip, switchgears, PCC work etc.)	Sq.ft.	2261
8.13	Supply and fixing panel mounted digital multimeter (Voltmeter & ammeter) including CT coil and RYB pilot indicator in the existing cubical panel board including drilling holes in the panel board making connections etc as required.	Each	6536
8.14	Supply and fixing extra down rod for ceiling fan of 1 metre length G.I. pipe, 15 mm dia, heavy guage including painting etc. as required.	Each	409
8.15	Supply and installation of regular/standard model A.C. ceiling fan of 1200 mm sweep with service value (CM/MM) minimum 4.00, Air delivery minimum 210 cum/min including wiring the down rods of standard length (upto 30 cm) with 1.5 sq. mm FRLS PVC insulated copper conductor etc as required.	Each	2482

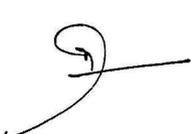
Code No.	Description	Unit	Rate (₹)
8.16	Supply and installation of regular/standard model A.C. ceiling fan of 1400 mm sweep with service value (CM/MM) minimum 4.10, Air delivery minimum 245 cum/min including wiring the down rods of standard length (upto 30 cm) with 1.5 sq. mm FRLS PVC insulated copper conductor etc as required.	Each	2838
8.17	Supply and installation of following sweep/ sizes metallic blade, heavy duty, single phase, 230 V A.C. Exhaust Fan in existing opening including making good the damage, connection, testing and commissioning etc as required.		
8.17.1	300 mm sweep	Each	2572
8.17.2	380 mm sweep	Each	5560
8.17.3	450 mm sweep	Each	6982
8.18	Supply and fixing of following sweep/ sizes PVC/ABS square body Exhaust Fan with automatic openable louvre shutter in existing opening including making connection, testing etc as required.		
8.18.1	150 mm sweep (1300/1400 RPM)	Each	1861
8.18.2	200 mm sweep (1300/1400 RPM)	Each	2074
8.18.3	250 mm sweep (1300/1400 RPM)	Each	2288
8.19	Supply and installation of 400 mm, 230 V A.C. wall/cabin fan including fixing the bracket, making connection, testing, commissioning etc as required.	Each	3670
8.20	Supply and installation of 600 mm, 230 V A.C. wall mounted Air circulator, heavy duty fan including fixing the bracket, making connection, testing, commissioning etc as required.	Each	9941
8.21	Supply and erection of 4 metre height Hot-dip galvanized octagonal street light pole with following arm with top dia 70 mm and bottom dia A/F 130 mm, made of 3 mm thick sheet along with base plate of size 220 X 220 X 12 mm , small door opening for junction box mounting including 6A 'C' series SP MCB, connector, and suitable size foundation bolts with template as required.(but without pole foundation)		
8.21.1	Single arm, 1000 mm	Each	19292
8.21.2	Double arm, 1000 mm	Each	20501



2



Code No.	Description	Unit	Rate (₹)
8.22	Supply and erection of 6 metre height Hot-dip galvanized octagonal street light pole with following arm with top dia 70 mm and bottom dia A/F 130 mm, made of 3 mm thick sheet along with base plate of size 220 X 220 X 12 mm , small door opening for junction box mounting including 6A 'C' series SP MCB, connector, and suitable size foundation bolts with template as required.(but without pole foundation)		
8.22.1	Single arm, 1000 mm	Each	24982
8.22.2	Double arm, 1000 mm	Each	26191
8.23	Supply and erection of 7 metre height Hot-dip galvanized octagonal street light pole with following arm with top dia 70 mm and bottom dia A/F 155 mm, made of 3 mm thick sheet along with base plate of size 260 X 260 X 16 mm , small door opening for junction box mounting including 6A 'C' series SP MCB, connector, and suitable size foundation bolts with template as required.(but without pole foundation)		
8.23.1	Single arm, 1000 mm	Each	27432
8.23.2	Double arm, 1000 mm	Each	28641
8.24	Supply and erection of 8 metre height Hot-dip galvanized octagonal street light pole with following arm with top dia 70 mm and bottom dia A/F 155 mm, made of 3 mm thick sheet along with base plate of size 260 X 260 X 16 mm , small door opening for junction box mounting including 6A 'C' series SP MCB, connector, and suitable size foundation bolts with template as required.(but without pole foundation)		
8.24.1	Single arm, 1000 mm	Each	30419
8.24.2	Double arm, 1000 mm	Each	31629







Code No.	Description	Unit	Rate (₹)
<b>CHAPTER 9 - CIVIL ITEMS</b>			
9.1	Excavation for foundation in soft soil including dressing of sides and ramming of bottoms, lift upto 1.5 m including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50 metres.	Cum	240
9.2	Excavation for cable trenches of depth upto 1.2 m in soft soil including getting out the excavated soil and disposal of surplus excavated soil as directed within a lead of 50 metres.	Cum	242
9.3	Filling available excavated earth (excluding rock) in trenches, sides of foundations etc. in layers not exceeding 20 cm in depth, consolidating each deposited layer by ramming and watering, lead upto 50 metres.	Cum	155
9.4	Excavation for cable trenches in soft soil, depth upto 1.2 m including dressing of sides lift upto 1.5 m, including getting out the excavated soil, refilling with sand and or good soil after laying of cable/ pipe etc in layers of 20 cm, ramming, watering and disposal of excavated soil as directed, within a lead of 50 metres.	Cum	397
9.5	Deduct for not consolidation by ramming and watering while refilling with sand and or good soil in cable/ pipe laying.	Cum	88
9.6	Excavation for cable trenches in hard rock not exceeding 1.5 metres in width, and lift upto 1.5 metres including getting out the excavated soil and disposal of excavated soil as directed within a lead of 50 metres.	Cum	758
9.7	Providing and laying in position cement concrete 1: 2: 4 (1 : cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size) in foundation of pump, DG set etc including form work etc. as required.	Cum	8370
9.8	Providing and laying in position cement concrete 1: 3: 6 (1 : cement : 3 coarse sand : 6 graded stone aggregate 20 mm nominal size) in foundation of pump, DG set etc including form work etc. as required.	Cum	7501
9.9	Providing and laying in position cement concrete 1: 3: 6 (1 : cement : 3 coarse sand : 6 graded stone aggregate 40 mm nominal size) in foundation of pump, DG set etc including form work etc. as required.	Cum	7133

Code No.	Description	Unit	Rate (₹)
9.10	Providing and laying in position reinforced cement concrete 1: 2: 4 (1 : cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size) in foundation of pump, DG set etc including form work etc. as required. (excluding reinforcement)	Cum	8721
9.11	Providing brick work (in width 225 mm or more) with F.P.S. bricks of class designation 7.5 in cement mortar 1 : 4 (1 cement : 4 coarse sand ) at all levels.	Cum	7284
9.12	Providing cement plaster of mix 1 : 4 ( 1 cement : 4 fine sand ) at all levels.	Sq.m	266
9.13	Providing , laying and fixing of following dia G.I. pipe (medium class) in ground complete with G.I. fittings including trenching (75 cm deep) and re-filling etc as required.		
9.13.1	50 mm dia	Metre	849
9.13.2	80 mm dia	Metre	1323
9.13.3	100 mm dia	Metre	1876
9.13.4	150 mm dia	Metre	2879
9.14	Supplying and laying of following size DWC HDPE pipe ISI marked along with all accessories like socket, bend, couplers etc. conforming to IS 14930, Part II complete with fitting and cutting, jointing etc. In the existing trench, complete as required.		
9.14.1	63 mm dia (OD-63 mm & ID-51 mm nominal)	Metre	128
9.14.2	90 mm dia (OD-90 mm & ID-76 mm nominal)	Metre	176
9.14.3	120 mm dia (OD-120 mm & ID-103 mm nominal)	Metre	254
9.14.4	160 mm dia (OD-160 mm & ID-135 mm nominal)	Metre	371
9.14.5	200 mm dia (OD-200 mm & ID-175 mm nominal)	Metre	572
9.15	Supplying and laying of following size DWC HDPE pipe ISI marked along with all accessories like socket, bend, couplers etc. conforming to IS 14930, Part II complete 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. In the existing trench, complete as required.		
9.15.1	63 mm dia (OD-63 mm & ID-51 mm nominal)	Metre	202
9.15.2	90 mm dia (OD-90 mm & ID-76 mm nominal)	Metre	250
9.15.3	120 mm dia (OD-120 mm & ID-103 mm nominal)	Metre	327
9.15.4	160 mm dia (OD-160 mm & ID-135 mm nominal)	Metre	445
9.15.5	200 mm dia (OD-200 mm & ID-175 mm nominal)	Metre	646

Code No.	Description	Unit	Rate (₹)
9.16	Providing and making of following sizes octagonal street light pole foundation in reinforced cement concrete 1:1.5:3 (1 cement : 1.5 coarse sand : 3 graded stone aggregate 20 mm nominal size ) of specified size including PVC conduit, form work, curing, reinforcement, excavation and refilling etc. as required.		
9.16.1	For 4 metre pole (500mm X 500mm X 1000mm)	Each	3305
9.16.2	For 6/7 metre pole (500mm X 500mm X 1400mm)	Each	4398
9.16.3	For 8 metre pole (500mm X 500mm X 1600mm)	Each	5071
9.17	Supplying and erection of fabricated G.I. tubular pole of 5 meter height tapered in two stages from 80 mm dia to 50 mm dia length 3.0 metre & 2.0 metre respectively fabricated with G.I. pipe (light class) including Single arm 32 mm dia, base plate of 100mm X 100mm X 8mm, foundation bolt and painting etc in cement concrete 1 : 3 : 6 ( 1 cement : 3 coarse sand : 6 graded stone aggregate 40 mm nominal size) foundation including excavation and refilling etc as required. (for street light pole)	Each	10968
9.18	Supplying and erection of 1.50 meter height, 50 mm dia G.I. Pole (Light class) with painting in cement concrete 1:3:6 (1 cement : 3 coarse sand : 6 graded stone aggregate 20 mm nominal size ) foundation, including excavation and refilling etc as required. (for garden light pole)	Each	1795

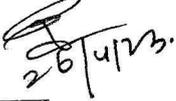
Code No.	Description	Unit	Rate (₹)
<b>CHAPTER 10 - LIGHTING CONTROL</b>			
10.1	Supplying, installation, testing and commissioning of Passive infrared(PIR) technology based occupancy sensor having high performance, non regulating programmable type, suitable for connected load upto 10 A , for mounting height upto 2.8 mtr and for 5 m diameter coverage area along with necessary fixing arrangements i/c programmable at site etc. complete as required.	Each	4755
10.2	Supplying, installation, testing and commissioning of Passive infrared(PIR) technology based occupancy sensor with day light dimming (lighting level shall be regulated as per availability of natural day light in an area along with occupancy detection) having high performance, regulating programmable type, suitable for connected load upto 10 A , for mounting height upto 2.8 mtr and for 5 m diameter coverage area along with necessary fixing arrangements i/c programmable at site etc. complete as required.	Each	9661
10.3	Supplying, installation, testing and commissioning of Astronomical time switch capable of following output in feeder pollars / Lighting DB's for automatic switching ON & OFF of strret lights at sun set & sun rise of twilight (Auto ON, Auto OFF, Auto) with manual override facility with 12/24 hour display format with suitable battery and indication for relay status i/c programming at site complete as required.		
10.3.1	1 output per phase and suitable for single phase supply	Each	4526 ✓
10.3.2	2 output per phase and suitable for single phase supply	Each	9003 ✓
10.3.3	3 output (1 output per phase) and suitable for three phase supply	Each	11194 ✓

Code No.	Description	Unit	Rate (₹)
<b>MISCELLANEOUS ITEM</b>			
7.7	Supply of following sizes and core PVC/XLPE insulated, PVC sheathed (heavy duty) armoured electrical power cable with aluminium conductor for working voltage upto 1.1 KV as required.		
7.7.1	6 sq. mm, 2 core	Metre	159 ✓
7.7.2	6 sq. mm, 4 core	Metre	206 ✓
7.7.3	10 sq. mm, 2 core	Metre	201 ✓
7.7.4	10 sq. mm, 4 core	Metre	249 ✓
7.7.5	16 sq. mm, 2 core	Metre	205 ✓
7.7.6	16 sq. mm, 4 core	Metre	299 ✓
7.7.7	25 sq. mm, 3.5 core	Metre	346 ✓
7.7.8	35 sq. mm, 3.5 core	Metre	415 ✓
7.7.9	50 sq. mm, 3.5 core	Metre	561 ✓
7.7.10	70 sq. mm, 3.5 core	Metre	748 ✓
7.7.11	95 sq. mm, 3.5 core	Metre	950 ✓
7.7.12	120 sq. mm, 3.5 core	Metre	1186 ✓
7.7.13	150 sq. mm, 3.5 core	Metre	1373 ✓
7.7.14	185 sq. mm, 3.5 core	Metre	1763 ✓
7.7.15	240 sq. mm, 3.5 core	Metre	2228 ✓
7.7.16	300 sq. mm, 3.5 core	Metre	2764 ✓
7.7.17	400 sq. mm, 3.5 core	Metre	3497 ✓
7.8	Supply of following sizes and core PVC/XLPE insulated, PVC sheathed (heavy duty) armoured electrical power H.T. cable with aluminium conductor for working voltage upto 11 KV as required.		
7.8.1	50 sq. mm, 3 core	Metre	1181 ✓
7.8.2	95 sq. mm, 3 core	Metre	1636 ✓
7.8.3	120 sq. mm, 3 core	Metre	1940 ✓
7.8.4	185 sq. mm, 3 core	Metre	2591 ✓
7.9	Supplying and drawing following sizes of FRLS PVC insulated copper conductor, single core cable in the existing surface/ recessed PVC conduit as required.		
7.9.1	2 X 16 sq. mm	Metre	518 ✓
7.9.2	4 X 16 sq. mm	Metre	1018 ✓
7.9.3	4 X 25 sq. mm	Metre	1881 ✓
7.9.4	4 X 35 sq. mm	Metre	2623 ✓
7.9.5	4 X 50 sq. mm	Metre	3728 ✓



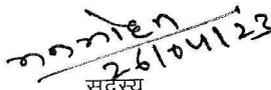
**11.0 SPECIFICATION**

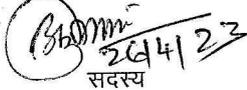
- 11.1 **Point Wiring ( Other than socket outlets points ) :-**  
Unless and otherwise specified, there shall be no linear measurement for point wiring for light points, fan points, exhaust fan points and call bell points. Points measured on unit basis by counting and these points shall be classified as under according to the type of building.
- 11.1.1 **Residential Buildings :-**  
(a) Group 'A' for 4th grade, 3rd grade, 2nd grade residential quarters, Flat, Hostel etc.  
(b) Group 'B' for 1st grade and above type of residential quarters, Barracks, Bungalow type quarters , Circuit House etc.
- 11.1.2 **Non Residential Buildings :-**  
Group 'C' for all Non-residential buildings such as offices, Hospitals, High Court, Educational institution, libraries, laboratories, prisoner ward and Honourable Governor House, Honourable chief justice house, Honourable chief minister house etc.
- 11.1.3 **For any other type buildings :-**  
Any kind of building classification and to change the categorization of building is empowered to the 'Chief Electrical Engineer'.

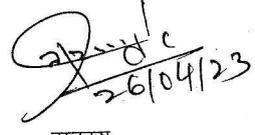
  
26/4/23.  
सदस्य  
राज्यस्तरीय अनुसूचित दर निर्धारण  
समिति-सह-अभियंता प्रमुख,  
भवन निर्माण विभाग, बिहार, पटना।

  
26/4/23  
सदस्य  
राज्यस्तरीय अनुसूचित दर निर्धारण  
समिति-सह-अभियंता प्रमुख,  
ग्रामीण कार्य विभाग, बिहार, पटना।

सदस्य  
राज्यस्तरीय अनुसूचित दर निर्धारण  
समिति-सह-अभियंता प्रमुख,  
लघु जल संसाधन विभाग, बिहार,  
पटना।

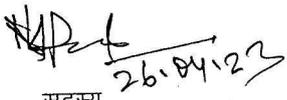
  
26/04/23  
सदस्य  
राज्यस्तरीय अनुसूचित दर निर्धारण  
समिति-सह-मुख्य अभियंता (असै0),  
बिहार स्टेट पावर होल्डिंग कंपनी  
लिमिटेड, बिहार, पटना।

  
26/4/23  
सदस्य  
राज्यस्तरीय अनुसूचित दर निर्धारण  
समिति-सह-मुख्य अभियंता (विद्युत),  
भवन निर्माण विभाग, बिहार, पटना।

  
26/04/23  
सदस्य  
राज्यस्तरीय अनुसूचित दर निर्धारण  
समिति-सह-अभियंता प्रमुख,  
तकनीकी परीक्षण कोषांग, निगरानी  
विभाग, बिहार, पटना।

  
26/4/23  
सदस्य  
राज्यस्तरीय अनुसूचित दर निर्धारण  
समिति-सह-अभियंता प्रमुख, लोक  
स्वास्थ्य अभियंत्रण विभाग, बिहार,  
पटना।

सदस्य  
राज्यस्तरीय अनुसूचित दर निर्धारण  
समिति-सह-अभियंता प्रमुख, मुख्यालय  
जल संसाधन विभाग, बिहार, पटना।

  
26.04.23  
सदस्य  
राज्यस्तरीय अनुसूचित दर निर्धारण  
समिति-सह-अभियंता प्रमुख,  
(मुख्यालय), पथ निर्माण विभाग, बिहार,  
पटना।