

जोधपुर नगर निगम, (दक्षिण)



पोलोटेक्निक कॉलेज परिसर, रेजीडेन्सी रोड़, जोधपुर E-Mail-nnjelectrical@gmail.com क्रमाकः—सं./एफ–14/कार्य/2022/२८-।२४ ३५

दिनांक:- 15/09/2020

अल्पकालिन र्र-	निविदा सचना	कमाक <u>९८ १२ ७५०</u>	दिनाक 15/09/2	022
जल्पकालन इ	ויוושעו ענשיוי	4 11 4 SHOOM		

UBN No.....

जोधपुर नगर निगम दक्षिण द्वारा इच्छुक कार्यो के अनुभवी/योग्यताधारी, डिजिटल विधुत लाईसेन्सधारी संवेदको, नगर निगम में पंजीकृत नियमानुसार E-EWSD श्रेणी संवेदको, अन्य विभाग में पंजीकृत E-EWSD-I ऑन—लाईन "ई" टेण्डर प्रकिया से निगम शर्तो के अधीन निविदाये आमंत्रित की जाती है। निविदा के कार्यो, योग्यता, शर्तो की समस्त जानकारी वेबसाईट पर www.eproc.raj.in अथवा www.sppp.raj.nic.in अथवा www.Jodhpurmc.org पर देखी जा सकती है।

अरूण कुमार पुरोहित) (अरूण कुमार पुरोहित)

आयुक्त नगर निगम (दक्षिण) जोघपुर दिनांक:- **(5**/67/ २०२२

क्रमाक:-सं./एफ-14/कार्य/2022/RL-12035 to 12035 प्रतिलिप

11. को भेज कर लेख है कि आगामी अंक में सतरीय संस्करण जोधपुर में प्रकाशित कर बिल भुगतान हेतु प्रस्तुत करे।

2. बिल लिपिक, नगर निगम, जोधपुर।

3. IT Cell, नगर निगम जोधपुर। इस निविदा <u>www.sppp.raj.nic.in</u> वेब साईट पर अपलोड करावे।

4. मैसर्स इलीट मंत्रा, JMC वेब साईट पर अपलोड करावे।

5. नोटिस बोर्ड नगर निगम जोधपुर।

अायुक्त नगर निगम (दक्षिण) जोधपूर



जोधपुर नगर निगम, (दक्षिण)



पोलोटेक्निक कॉलेज परिसर, रेजीडेन्सी रोड, जोघपुर E-Mail-nnjelectrical@gmail.com क्रमाक:—सं. / एफ—14 / कार्य / 2022 / द्वि – । २०५०

दिनांक:- 15/09/2022

अल्पकालिन ई- निविदा सूचना

UBN No	

जोधपुर नगरं निगम दक्षिण द्वारा इच्छुक कार्यों के अनुभवी/योग्यताधारी, डिजिटल विधुत लाईसेन्सधारी संवेदको, नगर निगम में पंजीकृत नियमानुसार श्रेणी संवेदको, अन्य विभाग में पंजीकृत E-EWSD-I ऑन—लाईन "ई" टेण्डर प्रकिया से निगम शर्तों के अधीन निविदाये आमंत्रित की जाती है। निविदा की शर्ते लेखा नियमानुसार रहेगी।

क्र.सं.	कार्य का नाम	अनुमानित लागत (लाख)	अमानत राशि	निविदा प्रपत्र शुल्क	कार्य करने की अवधि
1.	वार्ड संख्या 01 से 10, 24 से 32 तक FRT का कार्य और निगम की लाईटों के रखरखाव एवं संचालन का कार्य। (वार्षिक अनुबंध)	20.00	40000/-	500/-	1वर्ष
2.	वार्ड संख्या 11 से 23, 33 से 37 तक FRT का कार्य और निगम की लाईटों के रखरखाव एवं संचालन का कार्य। (वार्षिक अनुबंध)	22.56	45120/-	500/-	1 वर्ष
3.	वार्ड संख्या 38 से 59, 63 से 66 तक FRT का कार्य और निगम की लाईटों के रखरखाव एवं संचालन का कार्य। (वार्षिक अनुबंध)	21.8	43600/-	500/-	1वर्ष
4.	वार्ड संख्या 60 से 62, 67 से 80 तक FRT का कार्य और निगम की लाईटों के रखरखाव एवं संचालन का कार्य। (वार्षिक अनुबंध)	19.18	38360/-	500/-	1 वर्ष
5.	वार्ड संख्या 80 में LED लाईट लगाने का कार्य।	10.00	20000/-	500/-	3माह
6.	वार्ड संख्या 78 में LED लाईट लगाने का कार्य।	10.00	20000/-	500/-	3 4/8

ऑन लाईन निविदा फार्म मिलने व जमा कराने की दिनांक	दिनांक 🕶 🛭 😋 22 से 26	09/22	_ तक
निविदा अपलोड करने की अन्तिम तिथि	दिनांक 26/09/22सांय	6.00	बजे तक
निविदा के दस्तावेज कार्यालय में जमा कराने की दिनांक	दिनांक 27/09/22 अपरान्ह	12.00	बजे तक
	दिनांक 27/09/22 अपरान्ह		

विस्तृत विवरण एवं शर्तों के लिए नगर निगम दक्षिण कार्यालय के विद्युत अनुभाग से जानकारी प्राप्त की जा सकती है।

ई निविदा की महत्वपूर्ण शर्ते निम्नानुसार है:-

ई— निविदा प्रपत्रों को वेब साईट http://eproc.rajasthan .gov.in से अपलोड डाउनलोड किया जा सकता है। इन निविदाओं में भाग लेने वाले संवेदक निविदा को इलेक्ट्रोनिक फारमेन्ट में वेबसाईट http://eproc.rajasthan.gov.in पर जमा कराऐ।

- 1. अमानत राशि /धरोहर राशि निविदा प्रपत्र में दर्शाई गई कुल अनुमानित लागत की दो प्रतिशत होगी एवं जोधपुर नगर निगम में पंजीकृत संवेदको से 1/2% धरोहर राशि पी डब्लयू एफ एण्ड एआर के नियमानुसार देय होगी। इसके अतिरिक्त सभी संवेदकों से 2% अमानत राशि देय होगी।
- 2. संवेदक नगर निगम जोधपुर एंव अन्य राजकीय विभाग में जहाँ पर पंजीकृत, हो उसका प्रमाण-पत्र संलग्न करना होगा, अन्यथा निविदा पर विचार नहीं किया जाएगा।
- 3. तकनिकी निविदाये इलेक्ट्रोनिक फारमेट में वेब साईट http://eproc.rajasthan .gov.in पर सम्बन्धित कार्यालय में निर्धारित दिनांक 27/03/22 को अपरान्ह 02.00 बजे तकनीकी बिड खोली जायेगी। तत्पश्चात् सफल संवेदको की वित्तीय बिड खोली जाएगी।



- यदि किसी कारणवश उस दिन अवकाश रहता है,तो अगले दिन उसी समय व उसी रथान पर निविदाय खोली जायेंगी।
- 5. निविदा जमा करवाने के बाद निविदा ऑन लाईन खोली जायेगी।
- निविदा खोलने की तिथि को किसी कारणवंश यदि सारी निविदाएँ नहीं खोली जा सकती है,तों उसके अगले कार्य दिवस पर शेष निविदाएँ खोलने का कार्य जारी रखा जायेगा।
- 7. संवेदक द्वारा विगत दो वर्ष में 20 लाख रूपये के एक समान्तर कार्य के कार्योदेश पूर्ण करने का अनुमय प्रमाण-पत्र राजकीय विभाग अधिशाषी अभियन्ता या इनके समान्तर स्तर के अधिकारी का संलग्न करना होगा, अन्यथा निविदा मान्य नहीं होगी।
- 8. निविदा क. 01 से 04 के FRT के कार्य में एक संवेदक को एक ही कार्य दिया जायेगा।
- 9. कार्यों के सम्मुख उपरोक्तानुसार वर्णित कार्यालय में संवेदक द्वारा दिनांक 199 22....से दिनांक 2012 को किसी भी कार्य दिवस में 11.00 बजे पूर्वान्ह से 4.00 बजे अपरान्ह निविदा प्रपत्र को देखा जा सकता है अथवा वेबसाईट http://eproc.rajasthan.gov.in भी देखा जा सकता है, निविदा प्रपत्रों में निविदाकर्ता के लिए योग्यता सूचना तथा निविदाकर्ता की पात्रता, प्लान, स्पेशिफिकेशन, उपलब्ध है।
- 10. सभी दस्तावेजों को निविदा में अपलोड करना होगा।
- 11. निविदाकर्ता द्वारा निविदा शुल्क /धरोहर राशि डिमाण्ड ड्राफ्ट द्वारा अथवा निविदा प्रपत्रो में सम्बन्धित कार्यालय में जमा कराना आवश्यक है।
- 12. निविदा खोलने की दिनांक से 60 दिवस तक निविदा स्वीकृति हेतु मान्य रहेगी। यदि निविदाकर्ता उस अवधि में अपनी निविदा अथवा शर्तों में किसी प्रकार का संसधान करता है अथवा अपनी निविदा वापस ले लेता है तो उसकी धरोहर राशि जब्द कर ली जायेगी।
- 13. यदि संवेदक का नजदीकी रिश्तेदार (प्रथम रक्त सम्बन्धी व उनके पति/पत्नि) इस कार्य से सम्बन्धित जोधपुर नगर निगम कार्यालय में कार्यरत लेखाकार अथवा तकनीकी रतर का किसी पद पर पदस्थापित हो तो इस कार्य पर नियुक्त करने पर प्रतिबन्ध रहेगा।
- 14. राज्य सरकार में किसी भी अभियांत्रिकी विभाग में किसी भी इंजीनियर अथवा इंजीनियरिंग या प्रशासनिक कार्य पर नियुक्त राजपित्रत अधिकारी, राज्य सरकार की अनुमित के बिना सेवा निवृति के 2 वर्ष तक संवैदक अथवा उसके कर्मचारी के रूप में कार्य नहीं कर सकेगा।
- 15. किसी निविदा को स्वीकार करने एवं बिना कारण बताये निरस्त करने कें समस्त अधिकार सक्षम अधिकारी के पास सुरक्षित है। आर.पी.डब्लयू.ए—100की समस्त शर्ती मान्य होगी।
- 16. निविदा शुल्क निम्नानुसार निर्धारित है :-

कार्य की अनुमानित राशि (लाखो में)		निविदा शुल्क
50 लाख से कम	:	500 / —रूपये
50 लाख से150 लाख तक	:	1000 / -रूपये
150लाख से 500 लाख तक	:	2000 / —रूपये
500 लाख से उपर	:	5000 / - रूपये

- 17. वित्त विभाग के आदेश अनुसार ई—टेन्डर प्रोसेसिंग शुल्क 50.00 लाख रूपये तक की राशि के कार्य के लिए 500/—व 50.00 लाख रूपये से अधिक राशि के कार्यों के लिए 1000/—रू की राशि निविदा शुल्क के अतिरिक्त देनी होगी जो डिमाण्ड या बैंकर के रूप में देय होगी। यह डिमाण्ड ड्राफ्ट या बैंकर चैक MD,RISL,Jaipur payable at jaipur होना चाहिए।
- 18. कार्य पूर्ण करने की अवधि में मानसुन अवधि सम्मिलित है।
- 19. संवेदक को ऑनलाईन निविदा के साथ जीएसटी रिजस्ट्रशन की प्रति लगाना आवश्यक होगा अन्यथा निविदा पर विचार नहीं किया जाएगा।
- 20. यदि संवेदक द्वारा के कार्य पर लगाये जाने वाले श्रमिकों के मध्य कोई विवाद उत्पन्न होता है तो उसकी प्रबंधकीय जिम्मेदारी संवेदक की होगी उसके लिए उपापन संस्था का सक्षम प्राधिकारी न्युतम मजदुरी अधिनियम 1948 एवं राजस्थान अनुबंधित श्रमिका (नियमन एवं उन्मुलन) अधिनियम 1970 का पालन कारने का उत्तर दियत्व होगा एवं साथ ही संवेदक का पी.एफ. में पंजीकरण अनिवार्य होगा और अन्तिम माह का भरा हुआ पी. एफ का चालान भी निविदा में अपलोड करना होगा। अन्यथा निविदा निरस्त कर दी जायेगी।

Vinte

- 21. संवेदक को विगत 3 वर्ष का सी.ए. से प्रमाणित फर्म का टर्नओवर देना होगा जिसमें किसी एक वित्तीय वर्ष में 20 लाख होना अनिवार्य है अन्यथा निविदा निरस्त कर दी जायेगी एवं विगत माह का जी.एस.टी. 3 बी फॉर्म
- 22. नगर निगम में विद्युत पंजीकृत संवेदक को आदेशानुसार पंजीयन रिव्यू कराया जाना आवश्यक होगा, अन्यथा निविदा स्वीकार नहीं की जाएगी। अन्य विभागों में पंजीकृत संवेदको द्वारा नियमानुसार 2% धरोहर राशि जमा करा कर निविदा में भाग ले सकेगा।
- 23. संवेदक द्वारा किये गए कार्य का बिल बनाकर प्रस्तुत करना होगा उसके पश्चात् ही भुगतान की कार्यवाही कि जाएगी।
- 24. ई-टेन्डरिगं के लिए निविदादाता हेतु निर्देश:-
 - (अ) इन निविदाओं में दिलचस्पी लेने वाले निविदादाता निविदा प्रपत्रों का इन्टरनेटसाईट http://eproc.rajasthan.gov.in से डाउनलोड कर सकते है।
 - (ब) निविदाओं में भाग लेने वाले निविदाताओं का इन्टरनेट साईट http://eproc.rajasthan.gov.in पर रजिस्टर करवाना होगा। ऑन लाईन निविदा में भाग लेने केलिए डिजिटल सर्टीफिकेट इनफोनेरमेशन टेक्नोलोजी एक्ट 2000 के तहत प्राप्त करना होगा जो इलेक्ट्रोनिक निविदा में साइन करने हेतु काम आयेगा। निविदा दाता उपरोक्त डिजिटल सार्फिकेट सी.सी.ए द्वारा स्वीकृति एजेन्सी से प्राप्त कर सकते है। जिन निविदा दाताओं के पास पूर्व में वैद्य डिजिटल सर्टिफिकेट है, नया डिजिटल सर्टिफिकेट लेने की आवश्यकता नही है।
 - (स) निविदा दाताओं को निविदा प्रपत्र इलेक्ट्रोनिक फार्मेट में उपरोक्त वेबसाईट पर डिजिटल सर्टीफिकेट साईन के साथ प्रस्तुत करना होगा, जिसके प्रस्ताव डिजिटल साईन के साथ नही होंगे, उनके प्रस्ताव रवीकार नहीं किये जायेगे। कोई भी प्रस्ताव अकेले भौतिक फार्म में स्वीकार्य नहीं होगा।
 - (द) ऑन लाईन निविदाए निर्धारण दिनांक एवं समय के अनुसार खोली जायेगी।
 - (य) इलेक्ट्रोनिक निविदा प्रपत्रों को जमा कराने से पूर्व निविदादाताओं यह सुनिश्चित कर लेवे की प्रपत्रों से सम्बन्धित सभी आवश्यक दस्तावेज की रकेन कॉपी निविदा प्रपत्रों के साथ संलग्न कर दी गयी है।
 - (र) कोई भी टेन्डर ऑनलाईन जमा कराने में किसी कारण से लेट हो जाता है तो उसका जिम्मेवार विभाग
 - (ल) टेण्डर के प्रपत्रों में आवश्यक सभी सुचियों को सम्पूर्ण रूप से भरकर ऑन लाईन दर्ज करे।
 - (व) ई-निविदा में सभी मांगे गये दस्तावेज को ई-निविदा पोर्टल पर अपलोड करना होगा।

नगर निगम, (दक्षिण) जोधपुर

(अरूण कुमार पुरोहित) आयुक्त

नगर निगम, (दक्षिण) जोधपुर

दिनांक :-15/05/2022

क्रमाकः-सं./एफ-14/कार्य/2021/ही-12041 रे0 12045 प्रतिलिपि:-

- निर्देशक स्थानिय निकाय जयपुर।
- उप- निर्देशक स्थानिय निकाय जोधपुर।
- वरिष्ठ लेखाधिकारी,नगर निगम दक्षिण जोधपुर।
- नोटिस बोर्ड नगर निगम दक्षिण जोधपूर।
- ओसवाल डाटा प्रोसेस नगर निगम जोधपुर, इस निविदा को निगम वेब साईट पर अपलोड करावे।

नगर निगम (दक्षिण)जोधपुर

जोधपुर नगर निगम (दक्षिण), जोधपुर

TERMS-CONDITION

जोधपुर नगर निगम के सार्वजनिक रोशनी व्यवस्था का संचालन एवं रखरखाव मे शेष बचें कार्य (ईईएसएल द्वारा नहीं किया जा रहे) / एफ.आर.टी कार्य

- निगम के अधीन लगी सोडियम, ट्युब लाईट, नगर निगम एल.ई.डी, टाईमर आदि के संचालन एवं रखरखाव (लाईन फॉल्ट, लाईन/ब्रांच जम्पर, इनपुट सप्लाई, लिकेज करंट आदि) का कार्य ।
- कार्य की समयाविध एक वर्ष की है। विशेष परिस्थितियों में समय आगामी निविदा के निष्पादन व कार्यादेश जारी होने तक मान्य रहेगी। जिसके लिए संवेदक कार्य करने के लिए बाध्य होगा। कार्य की समयाविध बिना सुचित किये घटायी अथवा बढायी जा सकेगी, जिसके लिए संवेदक पाबन्द रहेगा।
- संवेदक डिजिटल विद्युत लाईसेन्स धारी समान्तर कार्य अनुभवी होना चाहीये।
- सार्वजनिक रोशनी व्यवस्था के संचालन एवं रख-रखाव के कार्य मे अनुभवी समान्तर कार्य किये गए संवेदक को प्राथमिकता दी जायेगी, जिसे संबंधित विभाग कें द्वारा जारी किया अनुभव प्रमाणपत्र प्रस्तुत करना होगा।
- सवेंदक को योग्यताधारी, अनुभवी, स्कील, बीमित वर्किंग स्टाफ लगाना होगा ।
- संवेदक द्वारा कार्य निष्पादन के उपयोग में आने वाले सुरक्षा सम्बन्धित विद्युत टूल्स व औजार वर्किंग स्टाफ को उपलब्ध करवाने होगे और सुरक्षा का सम्पूर्ण दायित्व संवेदक स्वयं का रहेगा। कार्य के दौरान स्टाफ सुरक्षा सम्बंधित टूल के बिना कार्य करते हुए पाये जाने पर प्रति टीम 1000/- पेनेल्स और बिना सुरक्षा के कार्य करने नहीं दिया जाएगा।
- संवेदक द्वारा कार्य निष्पादन के लिए आवश्यक विद्युत सम्बन्धित इक्यूप्पेंन्ट, मेगर, केबल फॉल्टट्रेसर,
 आदि उपलब्ध होने चाहिए।
- संवेदक द्वारा विद्युत कार्य के निष्पादन में उपयोग में लिये जाने वाले वाहन हाइड्रोलिक स्काई लिफ्ट, लेंडर, मोबाइल लेडर, टेक्सी, छोटें वाहन, मोटरसाईकिल, आदि की अपने स्तर पर समय—समय/ आवश्यकता अनुसार उपयोग में लेनी होगी। अन्यथा 500 रूपये प्रतिदिन शास्ती लगाई जायेगी।
- संवेदक द्वारा रख-रखाव के उपयोग में लिये जाने वाली विद्युत सामग्री ISI एवं बी.एस.आर (विद्युत)
 की स्वीकृत कटेगरी 1 मेंक का उपयोग करना होगा। जिसकी सम्बंधित अभियंता द्वारा जॉच की
 जायेगी और आवश्यकता पडने पर सामग्री को Testing Lab में Test के लिए अन्यथा कम्पनी की
 Testing रिपोर्ट उपलब्ध करानी होगी।
- कार्य स्थल पर कार्य करते समय किसी भी वर्किंग स्टाफ (लाईनमैन/हैल्पर) के साथ दुर्घटना /अप्रिय घटना घटित होती है तो समस्त जिम्मेदारी संवेदक की ही होगी। सभी प्रकार के सुरक्षात्मक सामग्री व साधन का उपयोग आवश्यक रूप से करना होगा। इनके अभाव से होने वाली घटना व दुर्घटना आदि की भी जिम्मेदारी संवेदक की होगी। इससें संबंधित किसी प्रकार का वाद नगर निगम के विरुद्ध दर्ज नहीं करा सकेगा।



नगर निगम क्षेत्र के अंतर्गत लगी सम्पुर्ण लाईटे रोड़ लाईट फेस वायर से जुड़ी रहे और जो लाईट डायरेक्ट लग रही है उसकी सुची कार्यादेश देने के 15 दिन अन्दर सूची बनाकर नगर निगम अभियन्ता/जोन ईन्चार्ज से प्रमाणिकरण करावें। रोड़ लाईट फेस वायर खिचकर स्विचिंग सिस्टम से जोड़ने का कार्य संवेदक का रहेगा। फेसवायर उपलब्ध होने के उपरान्त भी यदि लाईट डायरेक्ट लगती पायी गयी तो संवेदक के बिल से 50 रूपये प्रतिदिन प्रतिलाईट शास्ती की जायेगी। इस कार्य में किसी भी प्रकार की लापरवाही बरतने पर संवेदक के खिलाफ शास्ती में कार्यवाही की जाएगी जिसकी समस्त जिम्मेदारी संवेदक स्वयं की रहेगी। जो लाईट सीधी कन्जूमर फेश से लगी हुई है। उनकी रिपोर्ट आयुक्त महोदय को 15 दिवस मे देनी होगी अन्यथा पूर्ण जिम्मेदारी संवेदक की होगी।

• कार्य / शास्ती:--

- सवेंदक या वर्किंग स्टॉफ को प्रतिदिन निर्धारित समय पर किनष्ठ अभियन्ता(वि.)/जोन कार्यालय में सुबह 10 बजें व्यक्तिगत रूप से उपस्थित होकर कार्यालय से शिकायते प्राप्त कर नियमित रूप निवारण करेगें एवं पूर्व में निवारण की गई शिकायतों की पालना प्रस्तूत करेगे। संवेदक को प्रतिदिन रात्रि में निरिक्षण कर बन्द लाईटो को चिन्हित कर शिकायतों का इन्द्राज किनष्ठ अभियन्ता (वि.) कार्यालय की शिकायत पुस्तिका में दर्ज कर उनका निवारण 48 घन्टे में करना होगा एवं किये गये कार्य की दैनिक प्रगित रिर्पाट हस्ताक्षर युक्त जोन कर्मचारी/किनष्ठ अभियन्ता (वि.) से कार्य का प्रमाणिकरण कराकर प्रस्तुत करना होगा। दर्ज शिकायत का निवारण निर्धारित समय सीमा में नही करने पर टयूब लाईट /सोडियम/LED का प्रतिदिन 25 प्रति पॉईन्ट शास्ती की जायेगी एवं लाईन फॉल्ट सप्लाई आदि की शिकायतो 24 घण्टे में करनी होगी अन्यथा प्रतिदिन 500 रूपये प्रति पाईन्ट शास्ती की जाएगी।
- इस कार्य को सात दिन में निष्पादित नहीं करने पर निगम द्वारा अन्य सवेदक / विभागीय तौर पर रिस्क एण्ड कास्ट पर कार्य कराया जाएगा। जिसकी सम्पुर्ण लागत मय शास्ति के बिना सूचित किये संवेदक के बिल से कटौति की जाएगी। जिसकी समस्त दायित्व संवेदक की ही रहेगी। जिसके लिए किसी भी प्रकार की अपील मान्य नहीं होगी।
- सिर्कट फाल्ट व डबल फेस होने पर लगी हुयी सोडियम, मेटेल हेलाईड, ट्यूब फिक्सर, सी.एफ.एल व एल.ई.डी जल जाने / खराब होने पर सवेंदक के द्वारा ही बदलने होगें।
- टूट-फूट, गुम चोरी हो जाने की स्थिती में सवेंदक द्वारा अपने स्तर पर संबंधित पुलिस स्टेशन में एफ.आई.आर. दर्ज करानी होगी एवं उसकी सूचना नगर निगम कार्यालय में उसी दिन को देनी होगी। जिसके कारण हुआ नुकसान संवेदक द्वारा ही वहन करना होगा। किसी भी प्रकार का छूट वास्तविकता के आधार पर सक्षम स्वीकृति के उपरान्त दी जा सकेगी।
- जोन में समस्त प्रकार के लगे हुए स्वीचिंग पोइन्ट, ICTP स्वीच आदि की मरम्मत व आवश्यक जली हुई / डिफेक्टिव सामग्री का बदलाव निर्धारित समय अविध में करना होगा। साथ में नियमित समय पर बन्द / चालु करने का दायित्व संवेदक का रहेगा। सिवचींग सम्बन्धित शिकायत निवारण 24 घंटों के भीतर—भीतर आवश्यक रूप से करना होगा। ऐसा न करने पर रुपये 500 प्रति स्वीच पॉइन्ट प्रति दिन के हिसाब से शास्ती वसूली जाएगी।
- जोन में किसी भी प्रकार का सर्किट फाल्ट होने पर जोधपुर विद्यूत वितरण निगम के संबंधित कार्यालय व स्टाफ से समन्वय स्थापित कर फाल्ट को ठीक करने का दायित्व



संवेदक का होगा एवं लगे हुए विद्युत मीटर में किसी भी प्रकार का दोश उत्पन्न होने व जल जाने पर जोधपुर विद्युत वितरण निगम से सम्पर्क कर बदलने का कार्य संवेदक का

- FRT कार्य में एक संवेदक को एक ही कार्य दिया जावेगा।
- कार्य निरीक्षण व निस्तारण के लिए इन्जीनिरिंग इन्वार्ज द्वारा भौके पर पहुँचने के लिए निर्देश दिये जाने पर समय सीमा में निर्देशित स्थल पर आवश्यक सामग्री व वर्किंग स्टाफ सहित पहुँचाना होगा। ऐसा न करने पर रूपयें 500 प्रति आदेश शास्ति के रूप में बिल में से कटौति की जाएगी। बार-बार पुनरावृति करने पर शास्ति सहित उस दिन का देय भुगतान की कटौति की जाएगी।
 - संवेदक को प्रतिमाह का बिल अगले महिने के प्रथम सप्ताह में अधिशाषी अभियन्ता (विद्युत) को प्रस्तुत करना होगा अथवा 50 रूपये प्रतिदिन शास्ती की जायेगी।
 - संवेदक / प्रतिनिधि को प्रत्येक वार्ड पार्षद नियमित रूप से सम्पर्क करना होगा एवं उनके द्वारा दिये गये स्थानो पर निर्देशानुसार रोशनी सम्बधित शिकायतो का निस्तारण कर कनिष्ठ अभियन्ता को रिपॉट करनी होगी ।
 - सडक के मध्य / साईड में लगे ट्यूबरपोल किसी कारणवश वाहन से टवकर लगने व अन्य कारण से दुर्घटनाग्रस्त होता है, तो संवेदक तुरन्त दुर्घटनाग्रस्त स्थल पर पहुँचकर क्षतिग्रस्त पोल व लाईन में सुधार करेगा। आवश्यकता पडने पर सप्लाई भी विच्छेद करेगा एवं उस स्थल पर पुनः पोल रिपेयर कर स्थापित करेगा एवं इंजिनियरिंग इंचार्ज के निर्देशानुसार कार्य करेगा जिसका भुगतान स्वीकृत दर पर किया जायेगा।
 - कभी भी किसी स्थल पर मौसम व अन्य परिस्थिति के कारण लिकेज करंट, खुले वायर, वायरिंग व चौक आदि जलने के कारण किसी प्रकार की दुर्घटना ना हो, उसके लिए संवेदक सर्तक रहेगा एवं दुर्घटना होने पर समस्त प्रकार की जिम्मेदारी संवेदक की रहेगी।
 - स्विचिंग पॉइन्ट,ट्यूबरपोल एवं बक्सों की वायरिंग,केबलिंग कार्य आदि को सुव्यवस्थित इन्सुलेशन/ टेपींग संवेदक द्वारा किया जायेगा ताकि किसी प्रकार की दुर्घटना की सम्भावना ना हों। खुले वायर व केबलिंग जाईन्ट के कारण यदि कोई दुर्घटना होती है, संवेदक जिम्मेदार रहेगा।
 - संवेदक को एक FRT टीम और 01 लाईट पॉईन्ट के लिए 01 टीम पृथक रूप से लगानी होगी।

अन्यथा टीम का भुगतान देय नहीं होगा। न्यायिक विवाद की स्थिति में न्यायालय क्षेत्र जोधपुर होगा।

> अधिशाशी अभियन्ता(विद्युत) नगर निगम,जोधपुर

सहायक अभियन्ता(विद्युत) नगर निगम,जोधपुर

1

JODHPUR MUNICIPAL CORPORATION (SOUTH)

Work name:-

Regularly deploye technically staff with Sky lift for comprehsive maintanance of Street Light luminaries, switching system, overhead/under ground street light system & also maintain which are required but not done by EESL. (Ward 1 to 10, 24 to 32)

Schedule

A. Regularly deploye technically staff with Sky lift for comprehsive maintanance of overhead/under ground street light system

n.	PARTICULARS		Qty	Rate		Amount
1	Contractor must be depolyed technical qualified, insured, and simillar work experince holder for comprehansive street light system(under ground/overhead), switching system and etc required team with skylift for maintain street light system i.e. line fault, line jumper, highmast cimbing and other not done by EESL including required leader, equipment, tools, sky lift, etc at its own. as per direction of engineering incharge.					
	A. As per requirment of JMC identified and trace out fault from existing under ground cabling system work (Median, Park, road side and etc) pole to pole connectivity suppky, line jumper, branch and other work not done by EESL. Replacing as per direction of engineering incharge.					
	B. As per requirment of JMC coordinate with discom related staff dor trace out fault in existing overhead line, any other work given by engineering Incharge.					
	C. As per site requirement contractor must do tree cutting in prescribe time.	1200				
1/11	D. Removing of existing all type luminaries in all respect including loading, unloading and transportation upto JMC store in all direction of engineering incharge.	1.00	Job		E. Job	
A.	E. Fixing of New/Old street lights luminaires on existing pole, wall in all respect and also connection with road light phase wire and tested ok including loading, unloading, transportation upto site. JMC store	1.00				
	F. Immediate attend and take needful action on accedental pole within time as soon possible with all required labour, tools, vechiles as direction of engineering incharge.			5		
	Terms & condition:-			-		
	 Contractor must have deployed qualified, insured electrician and helper. Submit copy of insurance at office. 			7		
	Regular comprehensive operation and maintenance in all respect with in precribe time	7 - 1		7.10		
	3- If any required "G" Sch. Item must be executed before taking permission of engineering incharge.					
	 If existing cable are fault/damge than drawing of new cable must be fixed on proper clamp as per direction of engineering incharge 					
	In case of team not present at office/site and disbey than 500/- per day per team penalty will be imposed.					
	6- Contractor must be liable for any type of miss happing or accident. Not elegible for any type of claim against the JMC					
	7. Skylift, RC provide in tender and also hard submit at office					
	TOTAL ("H" Sch)	1 2 17				

Sn. Repair and refixing of tubular pole/octonogal pole in all respect including required site pandestal, iron support etc without lights as per direction of engineering incharge 10 Job EJob 10 Job 1

PART-C ("G" Schedule) PARTICULARS Qty Rate Amount Providing & Laying P.V.C. / XLPE insulated & P.V.C. sheathed Unarmoured E110100 Armoured aluminium cable of 1.1 KV grade as per PWD specification for electrical Works in existing RCC / Hume / Stoneware / PVC pipe/ open duct/cable trench with filling of excavated earth in trench, on existing cable trays or on surface etc. including making necessary connection, testing etc. as required of size and as per points (a), (b), (c), mentioned below:-(a) Material: - H4- Grade aluminium conductor of purity >99.6 % & as per IS:1554 P-I IS:7098 P-I (b) conductor shall have electrolytic aluminium confirming to IS 8130, IS 3975-1999 for armouring of cables in armoured cable items, 1S 5831 for sheath, IS 10810 (Part 0 to 64) for testing procedures. (c) OEM Must have ISO 9001 & 14001 certifications for quality assuarance & its own in house NABL lab setup for all testing facilities for cables . Appropriate type test certificate / OEM test report shall be submitted. All above as per pre approved by Engineer in charge. For additional technical parameters of products/ work, refer Annexure "A" attached with this BSR E110130 Armoured Cable 6.0 Sq. mm E110132 E110132A 2 core 14200.00 E110133 10.0 Sq. mm

Vind

	4 core					
E190100	Supply and erection of P.C.C./R.C.C. pole as per REC manual no 15/1979 & as per PWD / DISCOM specification for electrical Works	100	Mir	112.00	RM	11200,0
	PWD / DISCOM specification for electrical Works conforming to IS: 2905/1966			With the	163	•
	including excavation of pit and book can					
	0.45m consolidating each deposited layer of 0.45m by ramming and watering etc	21 -17				
	complete in all respect. All as per pre approved by Engineer in charge. For additional technical parameters of products/work refer Approved by Engineer in charge.					
	technical parameters of products/ work, refer Annexure "A" attached with this BSR.					
E190102	9.0 Mtr long (200 Kg)as per PWD / DISCOM specification			1886		
1222000	supplying and drawing of ISO certified company and VIDE to be 1.1.	10	Nos	3423.00	Bach	34230.0
	Continue Conductor cals a gardening to 10 14355/1005	1	15	114		
100000000000000000000000000000000000000	through I hook with all necessary	7				
	required including binding and twisting etc. complete in all respect as					
	requiredas per PWD / DISCOM specification. All as per pre approved by			25-04		
	Engineer in charge. For additional technical parameters of products/ work ,refer Annexure "A" attached with this BSR.					
E192602						
E190300	1 X 25 sq. mm. + 1X25 sq. mm. (insulated)	1000	Mar	48.00	RM	48000.0
2170300	Supply and fixing of following LT Supporting accessories with nut bolt &			1-11		
1	Clamps made out as per standard Discom's specifications. All as per pre approved by Engineer in charge. For additional technical parameters of			1 - 13		
	products/ work, refer Annexure "A" attached with this BSR.					
E190301	LT cross arm 600 mm long with clamp	50	Nes	285.0	Each	14250.0
E190400	E190400 Supply and fixing of LT porcelain pin insulator as per IS 1445-1997					
	suitable for working voltage 1100 volts including all accessories like					
A PART OF Y	hot dip GI forged spindle of 260mm long and mits etc as read as per standard					
	Discom specification. All as per pre approved by Engineer in charge. For					
	additional technical parameters of products/ work refer Annexure "A" attached with this BSR.					
E190401	105mm x 65mm	80	Nos	55.00	Bach	4400.0
E190500	Supply and fixing of porcelain so while insulator as per IS:1443 1979 suitable	au	1405	33,00	isaet1	7401/3
	for working on 1100 volts include a hot dipped GI accessories and heavy duty				149	
	hardwares etc as requiredas per P D / DISCOM specification. All as per pre					
	approved by Engineer in charge. For additional technical parameters of					
	products/ work, refer Annexure "A" attached with this BSR					
C (Anco)	75	10		61.00		2440.0
E190501	75mm x 90mm E100100 Providing & Fixing of IsO certified company made TP&N 415 V side	40	Nos	61.00	Each	2440.00
4	handle operated double break fine switch unit in sheet steel enclosure as per			100		
	PWD specification for electrical Works conforming to IS/IEC 60947-3: 1999		1			
E100100	(W/O HBC fuses) including makes, woon ections with suitable lugs, testing etc.			LINE		
Liouico	as required. Appropriate type test consticate / OEM test report shall be					
	submitted . All as per pre approved by Engineer in charge. For additional					
eri kuranta	technical parameters of products, work, refer Amexure "A" attached with this BSR.					
E100101	63 A rating	5	Nos	5623.00	Each	28115.0
						2011010
	Providing & Fixing of IK07 IP 16 protected LED Street Light Luminaire on					
	existing bracket/pole. Fixture many of product coated single piece pressure die					
7.00	cast aluminum LM6/ ADC12 may all the heat dissipation fins on housing with					
	UV stabilized PC/Toughened Glassins UV stabilization report submitted for					
1000	UV cover) and secondary least and ED & should be SMD type. The					
	System level Luminaire efficacy > 1.30.2 of wt with High Power LEDs is to be					
	used and potted driver must be passed & las a unique BIS R number with Input Voltage AC 120 to 270 V AC was High voltage Cutoff @>=300 V AC and					
	Auto resetting Safety Input Free enery 50Hz±3% Power Factor >0.95 driver			11.00		
	Efficiency >85%, THD(I) <10% 10% to 90% RH Working Temp -5C				177	
E101200	to 45C, driver current <1000mA seems LM79 report. The luminaire shall be				4	
E181300	BIS certified and T.C. certified as Expectancy Equal or more than 50000			100	177	
	burning hrs with Minimum 70% and maintened colorRendering Index >70		4	100	244	
	and CCT 5700K +355K. Surge proportionaliall be min≥ 4 KV internal and min			37.5	Harry I	
	10 KV external, driver should be Phase to phase protection of 440 V for 4 Hrs. Manufactures Word Mark/Name and tribute to the phase of the phase of the cast housing to					
	Manufactures Ward Mandallian 1/4 miles on an die cast bousing to	T.				
	Manufactures Word Mark/Name - A Findos mg on the Cast nothing to				COLUMN TWO	
	allow traceability/authenticity. For each of the AS FER IS 10322 Complianced.					
	allow traceability/authenticity. Flatter shall be AS FPR IS 10322 Complianced. OEM Must have its own in house 123 Bt lab scup for all testing facilities for					
	allow traceability/authenticity. For each 1 be AS FER IS 10322 Complianced. OEM Must have its own in hous 2008 lab setup for all testing facilities for LED fixtures. (LM79/LM80) 2006 General report with liable warranty of					
	allow traceability/authenticity. Fig. 8 & The AS FER IS 10322 Complianced. OEM Must have its own in hous a ABI lab sctup for all testing facilities for LED fixtures. (LM79/LM80) Professor report with liable warranty of product/accessories from OEM ADD a smitted. All as per pre approved by the labert of charge. For additional technical					
	allow traceability/authenticity. Figure 31 The AS FER IS 10322 Complianced. OEM Must have its own in hous (ABI lab sctup for all testing facilities for LED fixtures. (LM79/LM80) Product/ report with liable warranty of product/accessories from OEM 3333 22 25 milted.					
	allow traceability/authenticity. Fig. 8 & The AS FER IS 10322 Complianced. OEM Must have its own in hous a ABI lab sctup for all testing facilities for LED fixtures. (LM79/LM80) Professor report with liable warranty of product/accessories from OEM ADD a smitted. All as per pre approved by the labert of charge. For additional technical					

Mich

E040500	core sheathed solid aluminium colipped including all as per perconnections, as required OFM	radiana of per PWD specification for electrical 1100 Volts grafte PVC insulated flat twin undertor with 10 SWG G.I. Support wire duly ear proved by Tagineer in charge, making institute its own in house NABL lab setup for radiational technical parameters of products/ell with this BSR.			1		
E040502	6.0 sq.mm	and the second second	2000	100	56.0	RM	112000.00
E040503	10.0 sq.mm		2000	-	81.0	RM	243000.00
			3000	mtr	01.0	KIVI	599935.00

B. Regularly operation and maintanance of existing street legit large street legit large street (all type of luminaires) other than EESL led. Contractor deployed seprate team for these work

			P	ART-D ("H" Se	hedule)
n.	PARTICIAARS	Q	ty	Rate	Amount
1	a) Regularly Operation & maintenance of Scaling pole morating dusk down photo cell timer, clock type timer, ON-OFF panel 63/10 and maintenance of Scaling pole morating dusk down photo cell timer, clock type timer, ON-OFF panel 63/10 and morating such as air break, contractor,(L&T/BCH male) 3 pole 2/2 and and morating such as air break, contractor,(L&T/BCH male) 3 pole 2/2 and and morating such as air break, contractor,(L&T/BCH male) 3 pole 2/2 and and morating such as air break, contractor,(L&T/BCH male) 3 pole 2/2 and and morating such as air break, contractor,(L&T/BCH male) 3 pole 2/2 and and morating such as air break, contractor,(L&T/BCH male) 3 pole 2/2 and and morating such as air break, contractor,(L&T/BCH male) 3 pole 2/2 and and morating such as air break, contractor,(L&T/BCH male) 3 pole 2/2 and and morating such as air break, contractor,(L&T/BCH male) 3 pole 2/2 and and morating such as air break, contractor,(L&T/BCH male) 3 pole 2/2 and and morating such as air break, contractor,(L&T/BCH male) 3 pole 2/2 and and morating such as air break, contractor,(L&T/BCH male) 3 pole 2/2 and and morating such as air break, contractor,(L&T/BCH male) 3 pole 2/2 and and morating such as air break, contractor,(L&T/BCH male) 3 pole 2/2 and and morating such as air break, contractor,(L&T/BCH male) 3 pole 2/2 and and morating such as air break, contractor, and also regularly maintain log sheet of time ON-OTF morating and morating such as air break, contractor, and also regularly maintain log sheet of time ON-OTF morating and morating such as air break, contractor, and also regularly maintain log sheet of time ON-OTF morating and morating such as air break, contractor, and also regularly maintain log sheet of time ON-OTF morating and morating such as air break, contractor, and also regularly maintain log sheet of time ON-OTF morating and morating such as air break, contractor, and also regularly maintain log sheet of time ON-OTF morating and morating such as air break, contractor, and also regularly maintain log sheet				
	1) For 25/40/ 63/100 Amp rating(3-P)	9	Nos	E/PM	
2	Regularly Operation & Maintenance	8	Nos	E/PM	
3	Regularly Operation & maintenance escent = fixture (36/40watt) by need full replacement with all defectives missing a large cess n all respect as per direction of engineering incharge.	18	Nos	E/PM	
4	Regularly Operation & maintenance sodi. MH fatting (70/150/250watt) including pole/wall/TP pole/oct page to by new deplacement with all defectives missing and broken accessories in all firests tempineering incharge.	292	Nos	E/PM	
5	Regularly Operatin & Maintanances as the second pole/wall/TP pole/oct pole//ZB pole/etc by need full replace as a selection of engineer and large and broken accessories in all respect as per direction of engineer.	785	Nos	E/PM	
6	Regularly Operation & maintenance and the second full replacement with all defectives missing and broken and the per direction of engineering incharge.	115	Nos	E/PM	
7	Regularly Operation maintanance and asset by OMHATO) in all respect & all accessories with timer switch & contact accessories as required as part direction of engineering inchast	14	Nos	E/PM	
	tion qty are tentative qty its used for only and the configuration of the consider after survey	One	team will s	seprately deputed	
or this wo	rk				



I/We some to do the above "G" Schedule (1)		we below on RUIDP BSR Electric with JMC terms condition
I/We sorree to do the above "G" Schedule		The feet of A of the Bott Breenie with since terms condition

I/We agree do the above mention work as per "I have a series of the seri	Part A:-	1)	Per Team Per Month
	Part B:-	1)	Each Job
	Part D-	1)	E/PM
		2)	E/PM
		3)	E/PM
		4)	E/PM
		5)	E/PM
		6)	E/PM
		7)	E/PM

Contractor

D:12020/sandeeplrevised estimate/dss\dss

DOUBLE PUR NOTIFIED OF WE COMPOSE A LEGIC (SOLL LEG)



Regularly deploye technically staff with Sky lift for compreheive maintanance of Street Light luminaries, switching system, overhead/under ground street fight system & also maintain which are required but not done by EBSL. (Ward 11 to 23, Work name:-33 to 37)

Setucibale

A. Regularly deploys technically staff with Sig Ult for comprehense maintanance of overhead/unider-grount street-light system

				BARULA "M" See			
Sp.	PARTICULARS		(B)	Rate	Rate		
1	Contractor must be depolyed technical qualified, insured, said similar work expertiscs kolder for comprehensive street light systemiumder ground/overhead); inviteding system and etc required team with skydift for maintain street light system i.e. line fault, line jamper, highwant clubbing and other not done by EESL including required leader, equipment, tools, sky lift, etc at its own, as per direction of engineering inchange.						
	A. As per requirement of DAC Mentified and truce out faith from existing under ground cabling system work (Median, Park, read sittle and etc) pole to pole connectivity suppky, line jumper, branch and other work not done by EESL. Replacing as per direction of engineering inchange.						
	B. As per requirement of JMC coordinate with officern related stall for trace out fault in existing overload line, any other work given by engineering Inchange.						
	Auper alle requirement constructor mustidestree culting in prescribe time.		133				
	D. Removing of existing all type luminaries in all respect including loading, unloading and			51. C. O. O.			
4	Imprometion upto the described described in of engineering inchange	1.00	Job		E. Job		
	E. Fixing of New/Old street lights luminaires on existing pole, wall in all respect and also						
	connection with road light phase wire and tested ok including loading, unloading, transportation						
	F. Immediate attend and take needful action on accedental pole within time as soon possible with		1 1				
-	pull-required labour, tools, vactities and rection of engineering inchange.						
	the provide condition:						
	1- Contractor must have deployed qualified, insured electrician and helper. Submit copy of						
	2 Regular comprehensive operation and maintenance in all respect with in-precribe time			1			
	3- If any required "G" Sch. Item must be executed before taking permission of engineering inoltange.						
	 If existing cable are fault/damge than drawing of new cable must be fixed on proper clamp as per-direction of caginocring inchange 						
	In case of team not present at office/site and disbey than 500/- per day per team penalty will the imposed.						
	6- Contractor must be liable for any type of miss happing or accident. Not elegible for any type of claim assainst the JMC	Б.					
	7. Skylift, RC provide in tender and also hard submit at office						
	TOTAL ("II" Sch)						
	Total for 12 Month (part-A)		L				

PART-B ("H" Schedule)

Sa.	PARTICULARS		Qty	Rate	Amount
1	Repair and refixing of tubular pole/octonogal pole in all respect including required site pandestal, iron support etc without lights as per direction of engineering incharge	10	Job	EJob	
	TOTAL PART-B ("H" Seh)				

PART-C ("G" Schedule)

Sa.		PARTICULARS	Qu	,	Rate		Amount
1	£1101 0 0	Providing & Laying P.V.C. / XLPE insulated & P.V.C. sheathed Unarmoured / Armoured aluminium cable of 1.1 KV grade as per PWD specification for electrical Works in existing RCC / Hume / Stoneware / PVC pipe/ open duct/cable trench with filling of excavated earth in trench, on existing cable trays or on surface etc. including making necessary connection, testing etc. as required of size and as per points (a), (b), (c), mentioned below: (a) Material: - H4- Grade aluminium conductor of purity >99.6 % & as per IS:1554 P-1 / IS:7098 P - I (b) conductor shall have electrolytic aluminium confirming to IS 8130, IS 3975-1999 for armouring of cables in armoured cable items, IS:5831 for sheath, IS:10810 (Part 0 to 64) for testing procedures. (c) GEM Must have ISO 9061 & 14001 certifications for quality assuarance & its own in house NAISL lab setup for all testing facilities for cables. Appropriate type test certificate / OEM test report shall be submitted. All above as per pre approved by Engineer in charge. For additional technical parameters of products/ work, refer Annexure "A" attached with this BSR.					
	£110130	Armoured Cable					
	£110132	6.0 Sq. mm					
1	E110132A	2 core	200	Mar	71.06	RM	14200.00
	£110133	10.0 Sq. mm			706.20		



£1101		core	1.00	Mir	112 06	RM	11200 (
£1901	ii 0 c	upply and erection of P.C.C./R.C.C. pole as per REC manual no 15/1979 & as per NWD / DISCOM specification for electrical. Works conforming to 18: 2905/1966 including excavation of pit and back filling with stone aggregate/boulders and soil in 45m consolidating each deposited layer of 0.45m by ramming and watering etcomplete in all respect. All as per pre approved by Engineer in charge. For additional echnical parameters of products/ work, refer Annexure "A" attached with this BSR.					
£190	102 5	0.0 Mtr long (200 Kg)as per PWD / DISCOM specification	10	Nos	3423 00	Each	34230
E1920	600	Supplying and drawing of ISO certified company made XLPE insulated LT Aerial bunched Aluminium conductor cable confirming to IS 14255/1995 and IS 398 (Pt-4)/ 1994 on existing cross arms through I hook with all necessary F&P required including binding and twisting etc. complete in all respect as required as per PWD / DISCOM specification. All as per pre approved by Engineer in charge. For additional technical parameters of products/ work , refer Annexure "A" attached with this BSR.					***
E192	2602	1 X 25 sq. mm. + 1X25 sq. mm. (insulated)	1000	Matr	48.00	RM	48000 0
3 E190	0300	Supply and fixing of following LT Supporting accessories with nut bolt & Clamps made out as per standard Discom's specifications. All as per pre approved by Engineer in charge. For additional technical parameters of products/ work, refer Annexure "A" attached with this BSR.					
E190	0301	LT cross arm 600 mm long with clamp	60	Nos	285.0	Each	17100.0
4 E19	U4UU	E190400 Supply and fixing of LT porcelain pin insulator as per IS 1445-1997 suitable for working voltage 1100 volts including all accessories like hot dip GI forged spindle of 260mm long and nuts etc as read as per standard Discom specification. All as per pre approved by Engineer in charge. For additional technical parameters of products/ work refer Annexure "A" attached with this BSR.					
E19	00401	105mm x 65mm	80	Nos	55.00	Each	4400 00
		Supply and fixing of porcelain shackle insulator as per IS:1443 1979 suitable for working on 1100 volts including hot dipped Gl accessories and heavy duty hardwares etc as requiredas per PWD / DISCOM specification. All as per pre approved by Engineer in charge. For additional technical parameters of products/ work, refer Annexure "A" attached with this BSR					
12.1	90501	75mm x 90mm	50	Nos	61.00	Each	3050.00
EI	100100	E100100 Providing & Fixing of ISO certified company made TP&N 415 V side handle operated double break fuse switch unit in sheet steel enclosure as per PWD specification for electrical Works conforming to IS/IEC 60947-3: 1999 (W/O HBC fuses) including making connections with suitable lugs, testing etc. as required. Appropriate type test certificate / OEM test report shall be submitted. All as per pre approved by Engineer in charge. For additional technical parameters of products/ work, refer Annexure "A" attached with this BSR.					
E	100101	63 A rating	5	Nos	5623.00	Each	28115.00
£	181300	Providing & Fixing of IK07 IP 66 protected LED Street Light Luminaire on existing bracket/pole. Fixture made of powder coated single piece pressure die cast aluminum LM6/ ADC12 material with heat dissipation fins on housing with UV stabilized PC/Toughened Glass cover (UV stablzation report submitted for UV cover) and secondary lens on each LED & should be SMD type. The System level Luminaire efficacy >=120 lm/ wt with High Power LEDs is to be used and potted driver must be potted & has a unique BIS R number with Input Voltage AC 120 to 270 V AC with High voltage Cutoff @>=300 V AC and Auto resetting Safety ,Input Frequency 50Hz±3% Power Factor >0.95 driver Efficiency >85% ,THD(1) <10% Humidity 10% to 90% RH Working Temp -5C to 45C. driver current <1000mA shown in LM79 report. The luminaire shall be BIS certified and T.C. certified. Life Expectancy Equal or more than 50000 burning hrs with Minimum 70% lumen maintened ,colorRendering Index >70 and CCT 5700K +355K. Surge protection shall be min ≥ 4 KV internal and min 10 KV external. driver should be Phase to phase protection of 440 V for 4 Hrs. Manufactures Word Mark/Name Engraved/Embossing on die cast housing to allow traceability/authenticity. Fixture shall be AS PER IS 10322 Complianced. OEM Must have its own in house NABL lab setup for all testing facilities for LED fixtures. (LM79/LM80) Certificate/ report with limble warranty of product/accessories from OEM shall be submitted. All as per pre approved by Engineer in charge. For additional technical					
	E181303	parameters of products/ work , refer Annexure "A" attached with this BSR LED Street Light fixture 45 Watt	20	Nos	4495 00 I	łach -	88100 00

Winds

s E040500	Supply & drawing Wiring for sub mains as per PWD specification for electrical Works with ISI marked (18:694), 1100 Volts grade PVC insulated flat twin core sheathed solid aluminium conductor with 10 SWG G.I. Support wire duly clipped including all as per pse approved by Engineer in charge, making connections, as required. OEM Must have its own in house NABL lab setup for all testing facilities for wires. For additional technical parameters of products/ work, refer Annexuse "A" attached with this BSR.					
E040502	6.0 sq.mm	2000	Mir	56.0	RM	112000.00
E040503	10.9 sq.mm	3000	metr	81.0	RM	243000.00
	ROTAL "G" SOL (FART-C)	-100000	-1000			003393:00

B. Regularly operation and maintanance of existing street lighting system (all-type of luminaires) other than EESL led. Contractor deployed seprate team for these work

				BART-D ("H" S	cheduie)
7	PARTICULARS	(My	Rate	Amoun
1	a) Regularly Operation & maintenance of electronics pole mounting dusk down photo cell time clock type timer, ON-OFF panel 63/100amp rating Main switch, by required replacement a defective accessories which are burnet, broken and missing such as air break contractor, (L&T/BCH male) 3 pole MCCB, single pole MCCB, solar plate, electronic/microntrollor, copper strip lead wire insulator, hard ware. Upto supply sources, and also regular maintain log sheet of time ON-OFF and must be intimate to site incharge / engineerin incharge & if any type of need from JUVVNL immediate to inform related office and any type required help to take them.				
2 2 2	1) For 25/49/.63/(100 Amp.rating(3-Phase/1-phase)	6	Nos	EZPANI	
2	Regularly Operation & Maintenance of manual main switch operated ON-OFF & Including all need full replacemen by defective, burnt, and broken accessories such as kitkit fuse, handle unclip fuse wire HRC fuse copper strip connecting rode etc. mainten log sheet and time to time intimate to site incharge / engineer in charge & if any type of need from JUVVNL immediate to inform related office and any type required help to take them.	24	Nas	E/PM	
3	Regularly Operation & maintenance of existing fluorescent tube fixture(36/40watt) by need full	2,0	NOS.	ESTRA	
	replacement with all defectives missing and broken accessories in all respect as per direction of engineering incharge.	32	Nos.	E/PM	
4	Regularly Operation & maintenance of existing sodium & MFI fitting (70/150/250watt) including pole/wall/TP pole/oct pole//ZB pole/etc by need full replacement with all defectives missing and broken accessories in all respect as per direction of engineering incharge.	558	Nos.	E/PM	
5	Regularly Operatin & Maintanance of existing LEDs lights w including pole/wall/TP pole/oct pole//ZB pole/etc by need full replacement with all defectives missing and broken accessories in all respect as per direction of engineering incharge.	1200	Nos	E/PM	
6	Regularly Operation & maintenance of existing decorative light by need full replacement with alf defectives missing and broken accessories in all respect as per direction of engineering incharge.	385	Nos.	E/PM	
7	Regularly Operation maintanance of existing High-mast lights(SV/MFI/LED) in all respect & all accessories with timer switch & panel with replacment of defective accessories as required as per direction of engineering incharge.	4	Nos	E/DM	
ote:- Mientio	n qty are tentative qty its used for only estimate purpose, actual qty may be consider after survey	One t	eam will s	eprately deputed	THE RES
this work					
CONTRACTOR OF THE	TOTAL ("H" Sch.)				0.0

			(Lite)
I/We agree to do the above "G" Schedule (Part C) work @abov	e/below on RUIDP BSR	Electric with IN	MC IC terms conditions
			terms conditions.
I / We agree do the above mention work as per "H" sch with JMC terms conditions rates ar	e mention as below		
	Part A:-	1)	Per Team Per Month
	Part B;-	1)	Each Job
	Part D-	1)	Б/РМ
		2)	E/PM
		3)	Б/РМ
		4)	E/PM
		5)	E/PM
		6)	E⁄PM
		7)	E/PM

Contracte

JODNPUR MUNICIPAL CORPORATION (SOUTH)

Regularly deploye technically staff with Sky lift for comprehsive maintanance of Street Light luminaries, switching system, Work name:overhead/under ground street light system & also maintain which are required but not done by BESL. (Ward 38 to 59, 63 to 66)

Schedule

A. Regularly deploye technically staff with Sky lift for comprehensive maintanance of overhead/under ground street light system

		2004		T-A ("H		
Sn.	RANDINGULARIS		eti	Hate		Amount
1	Contractor must be depolyed technical qualified, insured, and similiar work experince holder for comprehensive street light system(under ground/overhead), switching system and etc required team with skyllift for maintain street light system i.e. line fault, line jumper, highmant cimbing and other not done by EESL including required leader, equipment, tools, sky lift, etc at its own, as per direction of engineering incharge.	1.00 Job				
	A. As per requirment of PMC identified and trace our fault from existing under ground cabling system work (Median, Park, road side and etc) pole to pole connectivity suppky, line jumper, branch and other work not done by EESL. Replacing as per direction of engineering incharge.					
	B. As per requirement of JMC coordinate with discom related staff dor trace out fault in existing overhead line, any other work given by engineering incharge.				E. Job	
	C As per site requirement contractor must do tree culting in prescribe time D. Removing of existing all type luminaries in all respect inclining loading, unloading and respectation upto MC store in all direction of engineering incharge.	1.00	Job	E. Jo		0.
	E. Fixing of New/Old street lights luminaires on existing pole, will in all respect and also connection with road light phase wire and tested ok including loading, unloading, transportation unto site. JMC store					
	F. Immediate affend and take needful action on accedental pole within time as soon possible with all required labour, tools, vectiles as direction of engineering inchange. Territy is condition.					
	1- Contractor must have deployed qualified, insured electrician and helper. Submit copy of insurance at office.					
-	2. Regular comprehensive operation and maintenance in all respect with in precitie time					
	3- If any required "G" Seh. Item must be executed before taking permission of engineering inchange.			E. Jol		
	4. If existing cable are fault/damge than drawing of new cable must be fixed on proper clamp as per direction of engineering incharge.				E. Job	
	 In case of team not present at office/site and disbey than 500/- per day per team penalty with the imposed. 					
	6- Contractor must be liable for any type of miss happing or accident. Not elegible for any type of claim against the JMC					
	7. Skylift , RC provide in tender and also liard submit at office	-				
	TOTAL ("H" Sch)					
	Total for 12 Month (part-A)					

Sg. PARTICULARS QC Rate Amount

Repair and refixing of tubular pole/octonogal pole in all respect including required site pandestal, iron support etc without lights as per direction of engineering incharge 10 Job EJob 0.00

TOTAL PARTICULARS

10 Job EJob 0.00

PART-C ("G" Sebedule) PARTICULARS QU Rote Amount Providing & Laying P.V.C. / XLPE insulated & P.V.C. sheathed Unarmoured E110100 Armoured aluminium cable of 1.1 KV grade as per PWD specification for electrical Works in existing RCC / Hume / Stoneware / PVC pipe/ open duct/cable trench with filling of excavated earth in trench, on existing cable trays or on surface etc including making necessary connection, testing etc. as required of size and as per points (a), (b), (c), mentioned below:-(a) Material :- H4- Grade aluminium conductor of purity >99.6 % & as per IS.1554 P-I / IS :7098 P - I (b) conductor shall have electrolytic aluminium confirming to IS 8130, IS 3975-1999 for armouring of cables in armoured cable items, IS 5831 for sheath, IS 10810 (Part 0 to 64) for testing procedures. (c) OEM Must have ISO 9001 & 14001 certifications for quality assuarance & its own in house NABL lab setup for all testing facilities for cables. Appropriate type test certificate / OEM test report shall be submitted. All above as per pre approved by Engineer in charge. For additional technical parameters of products/ work, refer Annexure "A" attached with this BSR Armoured Cable E110130 E110132 6.0 Sq. mm 2 core E110132A 71.00 RM 14200.00 200 E110133 10.0 Sq. mm E110133C 4 core 11200.00 100

Vind

Aerial bunched Aluminium conductor cable confirming to IS 14255/1995 and IS 398 (Pt-4)/ 1994 on existing cross arms through I hook with all necessary T&P required including binding and twisting etc. complete in all respect as requiredas per PWD / DISCOM specification. All as per pre approved by Engineer in charge. For additional technical parameters of products/ work ,refer Annexure "A" attached with this BSR. E192602 1 X 25 sq. mm. + 1 X25 sq. mm. (insulated) 1000 Mir 48.00 Ri Clamps made out as per standard Discom's specifications. All as per pre approved by Engineer in charge. For additional technical parameters of products/ work, refer Annexure "A" attached with this BSR. E190301 LT cross arm 600 mm long with clamp 60 Nos 285.0 Ea E190400 Supply and fixing of LT porcelain pin insulator as per IS 1445-1997 suitable for working voltage 1100 volts including all accessories like hot dip GI forged spindle of 260mm long and nuts etc as reqd as per standard Discom specification. All as per pre approved by Engineer in charge. For additional technical parameters of products/ work refer Annexure "A" attached with this BSR. E190401 105mm x 65mm 80 Nos 55.00 Ea E190500 Supply and fixing of porcelain shackle insulator as per IS:1443 1979 suitable for working on 1100 volts including hot dipped GI accessories and heavy duty hardwares etc as requiredas per PWD / DISCOM specification. All as per pre approved by Engineer in charge. For additional technical parameters of products/ work, refer Annexure "A" attached with this BSR E190501 75mm x 90mm 50 Nos 61.00 Ea E100100 Providing & Fixing of ISO certified company made TP&N 415 V side handle operated double break fuse switch unit in sheet steel enclosure as per PWD specification for electrical Works conforming to IS/EC 60947-3: 1999 (W/O HBC fuses) including making connections with suitable lugs, testing etc. as required. Appropriate type test certificate / OEM test report shall be submitted . All as per pre approved by Engineer in charge. For additional technical paramet		E190100	Supply and erection of P.C.C./R.C.C. pole as per REC manual no 15/1979 & as per PWD / DISCOM specification for electrical Works conforming to 18: 2905/1966 including excavation of pit and back filling with stone aggregate/boulders and soil in 0.45m consolidating each deposited layer of 0.45m by ramming and watering etc complete in all respect. All as per pre approved by Engineer in charge. For additional technical parameters of products/ work, refer Annexure "A" attached with this BSR.			enzi en		Process A
E190300 Supply and fixing of following LT Supporting accessories with nut bolt & Clanps made out as per standard Discom's specifications. All as per pre approved by Engineer in charge. For additional technical parameters of products/ work, refer Annexure "A" attached with this BSR. E190301 LT cross arm 600 mm long with clamp E190400 Supply and fixing of LT porcelain pin insulator as per IS 1445-1997 suitable for working voltage 1100 volts including all accessories like hot dip GI forged spindle of 260mm long and nuts et as reed as per standard Discom specification. All as per pre approved by Engineer in charge. For additional technical parameters of products/ work refer Annexure "A" attached with this BSR. E190401 105mm x 65mm E190500 Supply and fixing of porcelain shackle insulator as per IS:1443 1979 suitable for working on 1100 volts including hot dipped GI accessories and heavy duty hardwares et as requiredas per PWD / DISCOM specification. All as per pre approved by Engineer in charge. For additional technical parameters of products/ work, refer Annexure "A" attached with this BSR E190501 75mm x 90mm E100100 Providing & Fixing of ISO certified company made TP&N 415 V side handle operated double break fuse switch unit in sheet steel enclosure as per PWD specification for electrical Works conforming to ISB/EG 60947-3: 1999 (W/O HBC fuses) including making connections with suitable lugs, testing etc as required. Appropriate type test certificate / OEM test report shall be submitted . All as per pre approved by Engineer in charge. For additional technical parameters of products/ work, refer Annexure "A" attached with this BSR. E100101 63 A rating Providing & Fixing of IK07 IP 66 protected LED Street Light Luminaire on existing bracket/pole. Fixture made of powder coated single piece pressure die cast aluminum LMo/ ADC12 material with heat dissipation fins on housing with UV stabilized PC/Toughened Glass cover (UV stabilization report submitted for UV cover 1 and secondary less on each LED & should be S	2		Supplying and drawing of ISO certified company made XLPE insulated LT Aerial bunched Aluminium conductor cable confirming to IS 14255/1995 and IS 398 (Pt-4)/ 1994 on existing cross arms through I hook with all necessary T&P required including binding and twisting etc. complete in all respect as required as per PWD / DISCOM specification. All as per pre approved by Engineer in charge. For additional technical parameters of products/ work ,refer Annexure	10	Nos	3423.00	Each	34230.00
E190301 LT cross arm 600 mm long with clamp E190400 Supply and fixing of LT porcelain pin insulator as per IS 1445-1997 suitable for working voltage 1100 volts including all accessories like hot dip G1 forged spindle of 260mm long and nuts et as reqd as per standard Discom specification. All as per pre approved by Engineer in charge. For additional technical parameters of products/ work refer Annexure "A" attached with this BSR. E190401 105mm x 65mm E190500 Supply and fixing of porcelain shackle insulator as per IS:1443 1979 suitable for working on 1100 volts including hot dipped G1 accessories and heavy duty hardwares etc as requiredas per PVD / DISCOM specification. All as per pre approved by Engineer in charge. For additional technical parameters of products/ work , refer Annexure "A" attached with this BSR E190500 75mm x 90mm E100100 Providing & Fixing of ISO certified company made TP&N 415 V side handle operated double break fuse switch unit in sheet steel enclosure as per PWD specification for electrical Works conforming to IS/REC 60947-3: 1999 (WO HIBG fuses) including making connections with suitable lugs, testing etc. as required. Appropriate type test certificate / OEM test report shall be submitted. All as per pre approved by Engineer in charge. For additional technical parameters of products/ work, refer Annexure" A" attached with this BSR. E100101 63 A rating Providing & Fixing of IK07 IP 66 protected LED Street Light Luminaire on existing bracket/pole. Fixture made of powder coated single piece pressure die cast aluminum LM6/ ADCI2 material with heat dissipation fins on housing with UV stabilized PC/Toughened Glass cover (UV stabilized PC/T	3	-	Supply and fixing of following LT Supporting accessories with nut bolt & Clamps made out as per standard Discom's specifications. All as per pre approved by Engineer in charge. For additional technical parameters of	1000	Mtr	48.00	RM	48000.00
E190401 105mm x 65mm E190500 Supply and fixing of porcelain shackle insulator as per IS:1443 1979 suitable for working on 1100 volts including hot dipped GI accessories and heavy duty hardwares etc as requiredas per PWD / DISCOM specification. All as per pre approved by Engineer in charge. For additional technical parameters of products/ work , refer Annexure "A" attached with this BSR E190501 75mm x 90mm E100100 Providing & Fixing of ISO certified company made TP&N 415 V side handle operated double break fuse switch unit in sheet steel enclosure as per PWD specification for electrical Works conforming to IS/IEC 60947-3 : 1999 (W/O HBC fuses) including making connections with suitable lugs, testing etc. as required. Appropriate type test certificate / OEM test report shall be submitted. All as per pre approved by Engineer in charge. For additional technical parameters of products/ work , refer Annexure "A" attached with this BSR. E100101 63 A rating Providing & Fixing of IK07 IP 66 protected LED Street Light Luminaire on existing bracket/pole. Fixture made of powder coated single piece pressure die cast aluminum LM6/ ADC12 material with heat dissipation fins on housing with UV stabilized PC/Toughened Glass cover (UV stabization report submitted for UV cover) and secondary lens on each LED & should be SMD type . The System level Luminaire efficacy >=120 Im/ wt with High Power LEDs is to be used and potted driver must be potted & has a unique BIS R number with Input Voltage AC 120 to 270 V AC with High voltage Cutoff @>=300 V AC and Auto resetting Safety ,Input Frequency 50Hzz3% Power Factor >0.95 driver Efficiency >85%, THD(I) <10% Humidity 10% to 90% RH Working Temp -5C to 45C, driver current <1000mA shown in LM79 report. The luminaire shall be BIS certified and T.C. certified. Life Expectancy Equal or more than 50000 burning hrs with Minimum 70% lumen maintened ,colorRendering Index >70 and CCT 5700K +355K. Surge protection shall be min ≥ 4 KV internal and min 10 KV external driver should be Phase to phas	4		E190400 Supply and fixing of LT porcelain pin insulator as per IS 1445-1997 suitable for working voltage 1100 volts including all accessories like hot dip GI forged spindle of 260mm long and nuts etc as reqd as per standard Discom specification. All as per pre approved by Engineer in charge. For additional technical parameters of products/ work refer Annexure "A" attached	60	Nos	285.0	Each	17100.00
E100100 Providing & Fixing of ISO certified company made TP&N 415 V side handle operated double break fuse switch unit in sheet steel enclosure as per PWD specification for electrical Works conforming to ISAEC 60947-3: 1999 (W/O HBC fuses) including making connections with suitable lugs, testing etc. as required. Appropriate type test certificate / OEM test report shall be submitted. All as per pre approved by Engineer in charge. For additional technical parameters of products/ work , refer Annexure "A" attached with this BSR. E100101 63 A rating 5 Nos 5623.00 Ea Providing & Fixing of IK07 IP 66 protected LED Street Light Luminaire on existing bracket/pole. Fixture made of powder coated single piece pressure die cast aluminum LM6/ ADC12 material with heat dissipation fins on housing with UV stabilized Pc/Toughened Glass cover (UV stablzation report submitted for UV cover) and secondary lens on each LED & should be SMD type . The System level Luminaire efficacy >=120 lm/ wt with High Power LEDs is to be used and potted driver must be potted & has a unique BIS R number with Input Voltage AC 120 to 270 V AC with High voltage Cutoff @>=300 V AC and Auto resetting Safety Input Frequency 501±2½% Power Factor >0.95 driver Efficiency >85% ,THD(t) <10% Humidity 10% to 90% RH Working Temp -5C to 45C . driver current <1000mA shown in LM79 report. The luminaire shall be BIS certified and T.C. certified. Life Expectancy Equal or more than 50000 burning hrs with Minimum 70% lumen maintened ,colorRendering Index >70 and CCT 5700K +355K. Surge protection shall be min ≥ 4 KV internal and min 10 KV external .driver should be Phase to phase protection of 440 V for 4 Hrs. Manufactures Word Mark/Name Engraved/Embossing on die cast housing to allow traceability/authenticity. Fixture shall be AS PER IS 10322 Complianced. OEM Must have its own in house NABL lab setup for all testing facilities for LED fixtures. (LM79/LM80) Certificate/ report with liable warranty of product/accessories from OEM shall be submitted. All as per pre	5		105mm x 65mm Supply and fixing of porcelain shackle insulator as per IS:1443 1979 suitable for working on 1100 volts including hot dipped GI accessories and heavy duty hardwares etc as requiredas per PWD / DISCOM specification. All as per pre approved by Engineer in charge. For additional technical parameters of	80	Nos	55.00	Each	4400.00
E100100 Providing & Fixing of ISO certified company made TP&N 415 V side handle operated double break fuse switch unit in sheet steel enclosure as per PWD specification for electrical Works conforming to ISAEC 60947-3: 1999 (W/O HBC fuses) including making connections with suitable lugs, testing etc. as required. Appropriate type test certificate / OEM test report shall be submitted. All as per pre approved by Engineer in charge. For additional technical parameters of products/ work , refer Annexure "A" attached with this BSR. E100101 63 A rating 5 Nos 5623.00 Ea Providing & Fixing of IK07 IP 66 protected LED Street Light Luminaire on existing bracket/pole. Fixture made of powder coated single piece pressure die cast aluminum LM6/ ADC12 material with heat dissipation fins on housing with UV stabilized Pc/Toughened Glass cover (UV stabization report submitted for UV cover) and secondary lens on each LED & should be SMD type. The System level Luminaire efficacy >=120 lm/ wt with High Power LEDs is to be used and potted driver must be potted & has a unique BIS R number with Input Voltage AC 120 to 270 V AC with High voltage Cutoff @>=300 V AC and Auto resetting Safety, Input Frequency 50f1z±3% Power Factor >0.95 driver Efficiency >85%, THD(1) <10% Humidity 10% to 90% RH Working Temp -5C to 45C. driver current <1000mA shown in LM79 report. The luminaire shall be BIS certified and T.C. certified. Life Expectancy Equal or more than 50000 burning hrs with Minimum 70% lumen maintened ,colorRendering Index >70 and CCT 5700K +355K. Surge protection shall be min ≥ 4 KV internal and min 10 KV external, driver should be Phase to phase protection of 440 V for 4 Hrs. Manufactures Word Mark/Name Engraved/Embossing on die cast housing to allow traceability/authenticity. Fixture shall be AS PER IS 10322 Complianced. OEM Must have its own in house NABL lab setup for all testing facilities for LED fixtures. (LM79/LM80) Certificate/ report with liable warranty of product/accessories from OEM shall be submitted. All as per pre a	-	E190501	75mm x 90mm	50	Nos	61.00	Each	3050.00
Providing & Fixing of IK07 IP 66 protected LED Street Light Luminaire on existing bracket/pole. Fixture made of powder coated single piece pressure die cast aluminum LM6/ ADC12 material with heat dissipation fins on housing with UV stabilized PC/Toughened Glass cover (UV stabization report submitted for UV cover) and secondary lens on each LED & should be SMD type. The System level Luminaire efficacy >=120 lm/ wt with High Power LEDs is to be used and potted driver must be potted & has a unique BIS R number with Input Voltage AC 120 to 270 V AC with High voltage Cutoff @>=300 V AC and Auto resetting Safety ,Input Frequency 50Hz±3% Power Factor >0.95 driver Efficiency >85% ,THD(I) <10% Humidity 10% to 90% RH Working Temp -5C to 45C , driver current <1000mA shown in LM79 report. The luminaire shall be BIS certified and T.C. certified. Life Expectancy Equal or more than 50000 burning hrs with Minimum 70% lumen maintened ,colorRendering Index >70 and CCT 5700K +355K. Surge protection shall be min ≥ 4 KV internal and min 10 KV external. driver should be Phase to phase protection of 440 V for 4 Hrs. Manufactures Word Mark/Name Engraved/Embossing on die cast housing to allow traceability/authenticity. Fixture shall be AS PER IS 10322 Complianced. OEM Must have its own in house NABL lab setup for all testing facilities for LED fixtures. (LM79/LM80) Certificate/ report with liable warranty of product/accessories from OEM shall be submitted. All as per pre approved by Engineer in charge. For additional technical parameters of products/ work , refer Annexure "A" attached with this BSR	6	E100100	handle operated double break fuse switch unit in sheet steel enclosure as per PWD specification for electrical Works conforming to IS/IEC 60947-3: 1999 (W/O HBC fuses) including making connections with suitable lugs, testing etc. as required. Appropriate type test certificate / OEM test report shall be submitted. All as per pre approved by Engineer in charge. For additional technical					
existing bracket/pole. Fixture made of powder coated single piece pressure die cast aluminum LM6/ ADC12 material with heat dissipation fins on housing with UV stabilized PC/Toughened Glass cover (UV stablzation report submitted for UV cover) and secondary lens on each LED & should be SMD type. The System level Luminaire efficacy >=120 lm/ wt with High Power LEDs is to be used and potted driver must be potted & has a unique BIS R number with Input Voltage AC 120 to 270 V AC with High voltage Cutoff @>=300 V AC and Auto resetting Safety ,Input Frequency 50Hz±3% Power Factor >0.95 driver Efficiency >85% ,THD(I) <10% Humidity 10% to 90% RH Working Temp -5C to 45C , driver current <1000mA shown in LM79 report. The luminaire shall be BIS certified and T.C. certified. Life Expectancy Equal or more than 50000 burning hrs with Minimum 70% lumen maintened ,colorRendering Index >70 and CCT 5700K +355K. Surge protection shall be min ≥ 4 KV internal and min 10 KV external. driver should be Phase to phase protection of 440 V for 4 Hrs. Manufactures Word Mark/Name Engraved/Embossing on die cast housing to allow traceability/authenticity. Fixture shall be AS PER IS 10322 Complianced. OEM Must have its own in house NABL lab setup for all testing facilities for LED fixtures. (LM79/LM80) Certificate/ report with liable warranty of product/accessories from OEM shall be submitted. All as per pre approved by Engineer in charge. For additional technical parameters of products/ work , refer Annexure "A" attached with this BSR		E100101	63 A rating	5	Nos	5623.00	Each	28115.00
20 Nos 4405 00 E	7	E181300	existing bracket/pole. Fixture made of powder coated single piece pressure die cast aluminum LM6/ ADC12 material with heat dissipation fins on housing with UV stabilized PC/Toughened Glass cover (UV stablzation report submitted for UV cover) and secondary lens on each LED & should be SMD type. The System level Luminaire efficacy >=120 lm/ wt with High Power LEDs is to be used and potted driver must be potted & has a unique BIS R number with Input Voltage AC 120 to 270 V AC with High voltage Cutoff @>=300 V AC and Auto resetting Safety ,Input Frequency 50Hz±3% Power Factor >0.95 driver Efficiency >85% ,THD(I) <10% Humidity 10% to 90% RH Working Temp -5C to 45C. driver current <1000mA shown in LM79 report. The luminaire shall be BIS certified and T.C. certified. Life Expectancy Equal or more than 50000 burning hrs with Minimum 70% lumen maintened ,colorRendering Index >70 and CCT 5700K +355K. Surge protection shall be min ≥ 4 KV internal and min 10 KV external. driver should be Phase to phase protection of 440 V for 4 Hrs. Manufactures Word Mark/Name Engraved/Embossing on die cast housing to allow traceability/authenticity. Fixture shall be AS PER IS 10322 Complianced. OEM Must have its own in house NABL lab setup for all testing facilities for LED fixtures. (LM79/LM80) Certificate/ report with liable warranty of product/accessories from OEM shall be submitted.					
	-			20	Nos	4405.00	Each	88100.0



	E040503	10.0 sq.mm	2000 4000	Mtr	56.0 81.0	RM RM	112000.0 324000.0
	E040502	6.0 sq.mm				-	
	E040300	Supply & drawing Wiring for sub mains as per PWD specification for electrical Works with ISI marked (IS:694), 1100 Volts grade PVC insulated flat twin core sheathed solid aluminium conductor with 10 SWG G.I. Support wire duly clipped including all as per pre approved by Engineer in charge, making connections, as required. OEM Must have its own in house NABL lab setup for all testing facilities for wires. For additional technical parameters of products/work, refer Annexure "A" attached with this BSR.					
0	E181703 E040500	32 mm Dia.	20	Nos	279.00	Each	5580.00
	E181700	Providing & Fixing of Street light bracket made out from following size of 'B' class, Medium class G.I. Pipe confirming to IS: 1239 P-1 (2004) with heavy duty pole clamp, Saddles suitable fastners etc. as required. All as per pre approved by Engineer in charge. For additional technical parameters of products/ work, refer Annexure "A" attached with this BSR					

B. Regularly operation and maintanance of existing street lighting system (all type of luminaires) other than EESL led. Contractor must deploye seperate team for these work.

			P	ART-D ("H" Sc	hedule)
Sn.	PARTICULARS	Qt	y	Rate	Amount
	a) Regularly Operation & maintenance of electronics pole mounting dusk down photo cell timer, clock type timer, ON-OFF panel 63/100amp rating Main switch, by required replacment all defective accessories which are burnet, broken and missing such as air break, contractor, (L&T/BCH male) 3 pole MCCB, single pole MCCB, solar plate, electronic/micro controllor, copper strip lead wire insulator, hard ware. Upto supply sources, and also regularly maintain log sheet of time ON-OFF and must be intimate to site incharge / engineering incharge & if any type of need from JUVVNL immediate to inform related office and any type required help to take them.				
	1) For 25/40/ 63/100 Amp rating(3-Phase/1-phase)	17	Nos	E/PM	0.0
2	Regularly Operation & Maintenance of manual main switch operatted ON-OFF & Including all need full replacemen by defective, burnt, and broken accessories such as kitkit fuse, handle unclip fuse wire HRC fuse copper strip connecting rode etc. mainten log sheet and time to time intimate to site incharge / engineer in charge & if any type of need from JUVVNL immediate to inform related office and any type required help to take them.	22	Nos	E/PM	0.00
3	Regularly Operation & maintenance of existing fluorescent tube fixture (36/40watt) by need full replacement with all defectives missing and broken accessories in all respect as per direction of engineering incharge.	9	Nos	E/PM	0.00
4	Regularly Operation & maintenance of existing sodium & MH fitting (70/150/250watt) including pole/wall/TP pole/oct pole//ZB pole/etc by need full replacement with all defectives missing and broken accessories in all respect as per direction of engineering incharge.	128	Nos	E/PM	0.00
5	Regularly Operatin & Maintanance of existing LEDs lights w including pole/wall/TP pole/oct pole//ZB pole/etc by need full replacement with all defectives missing and broken accessories in all respect as per direction of engineering incharge.	1300	Nos	E/PM	0.0
6	Regularly Operation & maintenance of existing decorative light by need full replacement with all defectives missing and broken accessories in all respect as per direction of engineering incharge.	220	Nos	E/PM	0.0
7	Regularly Operation maintanance of existing High-mast lights(SV/MH/LED) in all respect & all accessories with timer switch & panel with replacment of defective accessories as required as	2	Nos	E/PM	#REF!
	tion qty are tentative qty its used for only estimate purpose, actual qty may be consider after surve	y One	team will	seprately deputed	
for this wor	total ("H" Sch.)				
	Total for 12 Month (part-D)				
	Total (Part A+B+C+D)				
	Say				

XEN(Elc)

I/We agree to do the above "G" Schedule (Part C) work @	above/below on RUIDP2022/pv	wd 2021 BSR E	ectric with JMC terms condition
I/We agree do the above mention work as per "H" sch with JMC terms condition	Part A:-	1)	Per Team Per Month
	Part B:-	1)	Each Job
	Part D:-	1)	E/PM
		2)	E/PM
		3)	E/PM
		4)	E/PM
		5)	E/PM
		6)	E/PM
		7)	E/PM

sign of Contractor

JODHPUR MUNICIPAL CORPORATION (SOUTH)



Work name:-

Regularly deploye technically staff with Sky lift for comprehsive maintanance of Street Light luminaries, switching system, overhead/under ground street light system & also maintain which are required but not done by EESL. (Ward 60 to 62, overhead/under ground street light system & also maintain which are required but not done by EESL. 67 to 80))

Schedule

A. Regularly deploye technically staff with Sky lift for comprehsive maintanance of overhead/under ground street light system

Sn.	PARTICULARS		Oty			THE RESERVE OF THE PARTY OF THE
1	Contractor must be depolyed technical qualified, insured, and simillar work experince holder for comprehansive street light system(under ground/overhead), switching system and etc required team with skylift for maintain street light system i.e. line fault, line jumper, highmast cimbing and other not done by EESL including required leader, equipment, tools, sky lift, etc at its own. as per direction of engineering incharge.					
	A. As per requirment of JMC identified and trace out fault from existing under ground cabling system work (Median, Park, road side and etc) pole to pole connectivity suppky, line jumper, branch and other work not done by EESL. Replacing as per direction of engineering incharge.					
	B. As per requirment of JMC coordinate with discom related staff dor trace out fault in existing overhead line, any other work given by engineering Incharge.					
	C. As per site requirement contractor must do tree cutting in prescribe time.					
1	D. Removing of existing all type luminaries in all respect including loading, unloading and transportation upto JMC store in all direction of engineering incharge.	1.00	Job		E. Job	
	E. Fixing of New/Old street lights luminaires on existing pole, wall in all respect and also connection with road light phase wire and tested ok including loading, unloading, transportation upto site, JMC store					
	F. Immediate attend and take needful action on accedental pole within time as soon possible with all required labour, tools, vechiles as direction of engineering incharge.				100	
	Terms & condition:-					
	 Contractor must have deployed qualified, insured electrician and helper. Submit copy of insurance at office. 					
	Regular comprehensive operation and maintenance in all respect with in precribe time				Rate Amount	
	3- If any required "G" Sch. Item must be executed before taking permission of engineering incharge.					
	 If existing cable are fault/damge than drawing of new cable must be fixed on proper clamp as per direction of engineering incharge 					
	In case of team not present at office/site and disbey than 500/- per day per team penalty will be imposed.					
	6- Contractor must be liable for any type of miss happing or accident. Not elegible for any type of claim against the JMC					
	7. Skylift , RC provide in tender and also hard submit at office			1.011		
	TOTAL ("H" Sch)	12				
	Total for 12 Month (part-A)		- 101-10			

PART-B ("H" Schedule) PARTICULARS Qty Rate Amount Repair and refixing of tubular pole/octonogal pole in all respect including required site pandestal, iron support etc without lights as per direction of engineering incharge 10 Job EJob TOTAL PART-B ("H" Sch)

				P	ART-C ("C	G" Sche	dule)
Sn.		PARTICULARS	Q	ty	Rate		Amount
1	E110100	Providing & Laying P.V.C. / XLPE insulated & P.V.C. sheathed Unarmoured / Armoured aluminium cable of 1.1 KV grade as per PWD specification for electrical Works in existing RCC / Hume / Stoneware / PVC pipe/ open duct/cable trench with filling of excavated earth in trench, on existing cable trays or on surface etc. including making necessary connection, testing etc. as required of size and as per points (a), (b), (c), mentioned below:- (a) Material:- H4- Grade aluminium conductor of purity >99.6 % & as per IS:1554 P-I / IS:7098 P - I (b) conductor shall have electrolytic aluminium confirming to IS 8130, IS 3975-1999 for armouring of cables in armoured cable items, IS 5831 for sheath, IS 10810 (Part 0 to 64) for testing procedures. (c) OEM Must have ISO 9001 & 14001 certifications for quality assuarance & its own in house NABL lab setup for all testing facilities for cables. Appropriate type test certificate / OEM test report shall be submitted. All above as per pre approved by Engineer in charge. For additional technical parameters of products/ work, refer Annexure "A" attached with this BSR.					
k.	E110130	Armoured Cable				e sast	
	E110132	6.0 Sq. mm	- 601	e gu	3764.5	323	20.00
T	E110132A	2 core	200	Mtr	71.00	RM	14200.00
1	E110133	10.0 Sq. mm	230	iviti	71.00	KIVI	Take fat Allin

Clamps made out as per standard Discons's specifications. All as per pre approved by Engineer in charge. For additional technical parameters of products' work, refer Annexure "A" attached with this BSR. E190400 Supply and fixing of LT porcelain pin insulator as per IS 1445-1997 suitable for working voltage 1 Try porcelain pin insulator as per IS 1445-1997 suitable for working voltage 1 Try porcelain pin insulator as per IS 1445-1997 suitable for working voltage 1010 volts including all accessories like to dig GI Graged 102 Solman long and nuts etc as redg as per standard additional technical parameters of products' work refer Annexure "A" attached with this BSR. E190501 105mm x 65mm E190500 125mm x 65mm E190500 125mm x 65mm E190500 125mm x 65mm E100100 Providing & Fixing of ISO certified company made TP&N 415 V side handle operated double break fixes switch unit in sheet steel enclosure as per products' work, refer Annexure "A" attached with this BSR. E100100 Providing & Fixing of ISO certified company made TP&N 415 V side handle operated double break fixes switch unit in sheet steel enclosure as per PVD specification for electrical Works conforming to ISIEC 60947-3: 1999 (WO IHBC fixes) including making connections with suitable lags, testing etc as required. Appropriate byte test certificate / OEM test report shall be submitted . All as per pre approved by Engineer in charge. For additional technical parameters of products' work, refer Annexure "A" attached with this BSR. E100101 63 A rating Froviding & Fixing of IKO7 IP 66 protected LED Street Light Luminaire on existing bracket/pole. Fixture made of powder coated single piece pressure die cast aluminum LM6/ADC12 material with heat dissipation first on housing with UV stabilized PCToughened Glass cover (UV stabIzzator report submitted for UV cover) and secondary lens on each LED & should be SMD Uye. The System level Luminaire efficacy >= 210 J M volte high Power Entor >= 050 S diver Etchical Autor seeding Safety, Junput Prequency Soltzas*9 Power Fa		Park Park					1	
E190100 Supply and exection of P.C.C.R.C.C. pole as per REC manual no 15/1579 & as per P.D. DISCOM specification for electrical Works conforming to IS. 20/05/1666 including execution of pit and back filling with stone aggregate/baulers and soil in O.Am consolidating each deposited layer of O.Am y armining and watering etc. complete in all respect. All as per per approved by Engineer in charge is to complete in all respect. All as per per approved by Engineer in charge is to the standard parameter of products with, it effect and committee to with all necessary 12.0 m. Supplying and drawing of ISO certified company and EVE insulated LT in 15/15/15/15/15/15/15/15/15/15/15/15/15/1		E110133C	사람들은 한 사람들은 사람들은 사람들이 가장 보면 사람들이 되었다면 하는 것이 없는 것이 없는 것이 없었다. 그는 것이 없는 것이 없는 것이 없는 것이 없는 것이 없는 것이 없는 것이 없다면 없다.		Mtr	112.0	00 RM	1126
2 E192600 Supplying and drawing of ISO certified company made XLPE insulated LT and abunched Aluminium conductor subtle confirming to Is 14255/1995 and IS 398 (Pt-4) 1994 on existing cross arms through 1 hook with all necessary T&P required including binding and twisting etc. complete in all respect as required as per PWD / DISCOM specification. All as per pre approved by Engineer in charge. For additional technical parameters of products' work , refer Amescure "A" attached with this BSR. E193000 Supply and fixing of following LT Supporting accessories with nut bolt & Company of the Product of the		E190100	PWD / DISCOM specification for electrical Works conforming to 18: 2903/1966 including excavation of pit and back filling with stone aggregate/boulders and soil in 0.45m consolidating each deposited layer of 0.45m by ramming and watering etc complete in all respect. All as per pre approved by Engineer in charge. For additional	isti sa Labi si Legathi		a ta Paras Aperatra Nasara		
2 E192600 Supplying and drawing of ISO certified company made XLPE insulated LT and abunched Aluminium conductor subtle confirming to Is 14255/1995 and IS 398 (Pt-4) 1994 on existing cross arms through 1 hook with all necessary T&P required including binding and twisting etc. complete in all respect as required as per PWD / DISCOM specification. All as per pre approved by Engineer in charge. For additional technical parameters of products' work , refer Amescure "A" attached with this BSR. E193000 Supply and fixing of following LT Supporting accessories with nut bolt & Company of the Product of the		E190102	9.0 Mtr long (200 Kg)as per PWD / DISCOM specification	10	Nos	3423.0	0 Fach	24000
Supply and fixing of following LT Supporting accessories with nut bolt & Clamps made out as per standard Discom's specifications. All as per pre approved by Engineer in charge. For additional technical parameters of products' work, refer Annexure "A" attached with this BSR. E190301 LT cross arm 600 mm long with clamp E190400 Supply and fixing of LT porcelain pin insulator as per IS 1445-1997 studies for working voltage 1100 volts including all accessories like hot dip GI forged spindle of 260mm long and nuts etc as redd as per standard additional technical parameters of products' work refer Annexure "A" attached with this BSR. E190401 I05mm x 65mm E190500 Supply and fixing of porcelain shackle insulator as per IS:1443-1979 suitable for working on 1100 volts including hot dipped GI accessories and heavy duty hardwares etc as requiredas per PWD / DISCOM specification. All as per pre approved by Engineer in charge. For additional technical parameters of produced work, refer Annexure "A" attached with this BSR. E190500 75mm x 90mm E100100 Providing & Fixing of ISO certified company made TP&N 415 V side handle operated double break fine switch unit in sheet steel enclosure as per PWD specification for electrical Works conforming to IS/REC 60947-3: 1999 (WO HBC fisses) including making connections with suitable lugs, testing etc. a submitted . Appropriate type test certificate / OEM test report shall be submitted. Appropriate type test certificate / OEM test report shall be submitted. Appropriate type test certificate / OEM test report shall be submitted. Appropriate type test certificate by GEM testing testing etc. a submitted in the production of testing bracket/pole. Fixture made of powder coated single piece pressure die cast aluminum LM6/ ADC12 material with heat dissipation first on housing with UV stabilized PC/Toughened Glass cover (UV stabization report submitted for UV cover) and secondary less not each LED & Should be SMD bye. The System level Luminaire efficacy >=120 Im/ w with High Power LEDs is t	2		Supplying and drawing of ISO certified company made XLPE insulated LT Aerial bunched Aluminium conductor cable confirming to IS 14255/1995 and IS 398 (Pt-4)/ 1994 on existing cross arms through I hook with all necessary T&P required including binding and twisting etc. complete in all respect as requiredas per PWD / DISCOM specification. All as per pre approved by Engineer in charge. For additional technical parameters of products/ work refer		Nos	3423.0	U Each	34230
Clamps made out as per standard Discons's specifications. All as per pre approved by Engineer in charge. For additional technical parameters of products' work, refer Annexure "A" attached with this BSR. E190400 Supply and fixing of LT procelain pin insulator as per IS 1445-1997 suitable for working voltage 1100 volts including all accessories like to dig GI forged spindle of 260mm long and nats etc as requl as per standard piscom specification. All as per pre approved by Engineer in charge. For additional technical parameters of products' work refer Annexure "A" attached with this BSR. E190401 105mm x 55mm Supply and fixing of porcelain shackle insulator as per IS:1443-1979 suitable for working on 1100 volts including all accessories and heavy duty hardwares etc as requiredas per PuVD / DISCOM specification. All as per pre approved by Engineer in charge. For additional technical parameters of products' work, refer Annexure "A" attached with this BSR. E190500 125mm x 90mm E100100 Providing & Fixing of ISO certified company made TP&N 415 V side handle operated double break fuse switch unit in sheet steel enclosure as per providence of the prov			1 X 25 sq. mm, + 1X25 sq. mm (insulated)	2011			15-87	T. Frank
E190400 E190400 Supply and fixing of LTD procelain pin insulator as per IS 1445-1997 suitable for working voltage 1100 volts including all accessories like hot dip GI forged spinide of 260mm long and natis et as reyal as per standard Discom specification. All as per pre approved by Engineer in charge. For with this BSR. E190401 105mm x 65mm Supply and fixing of porcelain shackle insulator as per IS:1443 1979 suitable for working on 1100 volts including hot dipped GI accessories and heavy duty hardwares et as requireda per PWD / DISCOM specification. All as per pre approved by Engineer in charge. For additional technical parameters of products/ work, refer Annexure "A" attached with this BSR. E190501 75mm x 90mm E100100 Providing & Fixing of ISO certified company made TP&N 415 V side handle operated double break fuse switch unit in sheet steel enclosure as per PWD specification for electrical Works conforming to ISNEC 60947-3: 1999 E100100 (W/O HIDC fuses) including making connections with suitable lugs, testing ec. as required. Appropriate type test certificate / OEM test report shall be submitted. All as per pre approved by Engineer in charge. For additional technical parameters of products/ work, refer Annexure "A" attached with this BSR. E100101 63 A rating Providing & Fixing of IKO7 IP 66 protected LED Street Light Luminaire on existing bracket/pole. Fixture made of powder coated single piece pressure die cast aduminum LMof A/DC12 material with heat dissipation firs no housing with UV stabilized PC/Toughened Glass cover (UV stabilation report submitted for UV cover) and secondary lens on each LED & should be SMO type. The System level Luminaire efficacy >=120 Im/ wt with High browner LEDs is to be used and potted drive must be potted & has a unique BIS Rumber with Input Voltage AC I20 to 270 V AC with High voltage Cutoff @==300 V AC and Autor resetting Safety, Input Frequency 50Hz23% Power Factor >0.95 driver Efficiency >85%, THLO)(1-10% Humidity) Voltage AC I20 to 45C. driver current <1000mA shown			Clamps made out as per standard Discom's specifications. All as per pre approved by Engineer in charge. For additional technical parameters of products/ work, refer Annexure "A" attached with this DCD.	1000	Mtr	48.00	RM	48000.
suitable for working voltage 1100 volts including all accessories like hot dip GI forged spiralle of 260mm long and nuts etc as reqd as per standard additional technical parameters of products/ work refer Annexure "A" attached with this BSR. E190401 105mm x 65mm 5 E190500 Supply and fixing of porcelain shackle insulator as per IS:1443 1979 suitable for working on 1100 volts including hot dipped GI accessories and heavy duty approved by Engineer in charge. For additional technical parameters of products/ work, refer Annexure "A" attached with this BSR. E190500 Townwing on 1100 volts including hot dipped GI accessories and heavy duty approved by Engineer in charge. For additional technical parameters of products/ work, refer Annexure "A" attached with this BSR. E190501 75mm x 90mm E100100 Providing & Fixing of ISO certified company made TP&N 415 V side handle operated double break fluss switch unit in sheet steel enclosure as per PWD specification for electrical Works conforming to ISDEC 609473: 1999 E100100 (Wo HIDC fluses) including making connections with suitable lugs, testing etc as required. Appropriate type test certificate / OEM test report shall be submitted . All as per pre approved by Engineer in charge. For additional technical parameters of products/ work, refer Annexure "A" attached with this BSR. E100101 63 A rating Froviding & Fixing of IKO7 IP 66 protected LED Street Light Luminaire on existing bracket/pole. Fixture made of powder coated single piece pressure die cast aluminum LM6/ ADC12 material with heat dissipation fins on housing with UV stabilized PC/Toughened Glass cover (UV stabilized PC/To	4	E190400	1 - cross arm oou mm long with clamp	60	Nos	285.0	Fach	17100
Supply and fixing of porcelain shackle insulator as per IS:1443 1979 suitable for working on 1100 volts including hot dipped GI accessories and heavy duty approved by Engineer in charge. For additional technical parameters of products/ work , refer Annexure "A" attached with this BSR E190501 75mm x 90mm E100100 Providing & Fixing of ISO certified company made TP&N 415 V side handle operated double break fuse switch unit in sheet steel enclosure as per PWD specification for electrical Works conforming to IS/IEC 60947-3: 1999 (WO HBC fuses) including making connections with suitable lugs, testing etc. as required. Appropriate type test certificate / OEM test report shall be submitted . All as per pre approved by Engineer in charge. For additional technical parameters of products/ work , refer Annexure "A" attached with this BSR. E100101 63 A rating Froviding & Fixing of IK07 IP 66 protected LED Street Light Luminaire on existing bracket/pole. Fixture made of powder coated single piece pressure die cast aluminum LMG/ ADCI2 material with heat dissipation fins on housing with UV stabilized PC/Toughened Glass cover (UV stabization report submitted for UV cover) and secondary lens on each LED & should be SMD type . The System level Luminaire efficacy >=120 lm' wt with High Power LEDs is to be used and potted driver must be potted & has a unique BIS R number with Input Voltage ACI 20 to 270 V AC with High voltage Cutoff @>=300 V AC and Auto resetting Safety, Input Frequency 50Hz±3% Power Factor >>0.95 driver Efficiency >=85%, THD(t) <10% Humidity 10% to 90% RH Working Temp -5C to 45C. driver current <1000mA shown in LM79 report. The luminaire shall be BIS certified and T.C. certified. Life Expectancy Equal or more than 50000 burning hrs with Minimum 70% lumen maintened, colorRondering Index >70 and CCT 5700K +355K. Surge protection shall be min ≥ 4 KV internal and min 10 KV external. driver should be Phase to phase protection of 440 V for 4 Hrs. Manufactures Word Mark/Name Engraved/Embossing on die east housing		da	hot dip GI forged spindle of 260mm long and nuts etc as reqd as per standard Discom specification. All as per pre approved by Engineer in charge. For additional technical parameters of products (world by Engineer in charge.				Laui	17100,0
Supply and fixing of porcelain shackle insulator as per IS:1443 1979 suitable for working on 1100 volts including hot dipped GI accessories and heavy duty hardwares etc as requiredas per PWD / DISCOM specification. All as per pre approved by Engineer in charge. For additional technical parameters of products/ work, refer Annexure "A" attached with this BSR E190501 75mm x 90mm E100100 Providing & Fixing of ISO certified company made TP&N 415 V side handle operated double break fuse switch unit in sheet steel enclosure as per PWD specification for electrical Works conforming to IS/IEC 66947-3 : 1999 (W/O HBC fuses) including making connections with suitable lugs, testing etc. as required. Appropriate type test certificate / OEM test report shall be submitted . All as per pre approved by Engineer in charge. For additional technical parameters of products/ work, refer Annexure "A" attached with this BSR. E100101 63 A rating Froviding & Fixing of IK07 IP 66 protected LED Street Light Luminaire on existing bracket/pole. Fixture made of powder coated single piece pressure die cast aluminum LM6/ ADC12 material with heat dissipation fins on housing with UV stabilized PC/Toughened Glass cover (UV stabization report submitted for UV cover) and secondary lens on each LED & should be SMD type. The System level Luminaire efficacy >=120 lm/ wt with High Power LEDs is to be used and potted driver must be potted & has a unique BIS R number with Input Voltage AC 120 to 270 V AC with High voltage Cutoff @>=300 V AC and Auto resetting Safety, Input Frequency 50Hz±3% Power Factor >0.95 driver Efficiency >>85%, THD()<10/9 Humidity 10% to 90% RH Working Temp >5C to 45C. driver current <1000mA shown in LM79 report. The luminaire shall be BIS certified and T.C. certified. Life Expectancy Equal or more than 50000 burning hrs with Minimum 70% lumen maintened, colorRendering Index >70 and CCT 3700K +355K. Surge protection shall be min ≥ 4 KV internal and min 10 KV external. driver should be Phase to phase protection of 440 V for 4 H	_		105mm x 65mm					
E100100 Providing & Fixing of ISO certified company made TP&N 415 V side handle operated double break fixe switch unit in sheet steel enclosure as per PWD specification for electrical Works conforming to IS/IEC 60947-3: 1999 (W/O HBC fuses) including making connections with suitable lugs, testing etc. as required. Appropriate type test certificate / OEM test report shall be submitted. All as per pre approved by Engineer in charge. For additional technical parameters of products/ work, refer Annexure "A" attached with this BSR. E100101 63 A rating 5 Nos 5623.00 Each 28115.0 Providing & Fixing of IK07 IP 66 protected LED Street Light Luminaire on existing bracket/pole. Fixture made of powder coated single piece pressure die cast aluminum LM6/ ADCI2 material with heat dissipation fins on housing with UV stabilized PC/Toughened Glass cover (UV stabization report submitted for UV cover) and secondary lens on each LED & should be SMD type. The System level Luminaire efficacy >=120 Im/ wt with High Power LEDs is to be used and potted driver must be potted & has a unique BIS R number with Input Voltage AC 120 to 270 V AC with High voltage Cutoff @>=300 V AC and Auto resetting Safety, Input Frequency Softz±3% Power Factor >0.95 driver Efficiency >85%. THD(I) <10% Humidity 10% to 90% RH Working Temp -5C to 45C. driver current <1000mA shown in LM79 report. The luminaire shall be BIS certified and T.C. certified. Life Expectancy Equal or more than 50000 burning hrs with Minimum 70% lumen maintened ,colorRendering Index >70 and CCT 5700K +355K. Surge protection shall be min ≥ 4 KV internal and min 10 KV external. driver should be Phase to phase protection of 440 V for 4 Hrs. Manufactures Word Mark/Name Engraved/Embossing on die cast housing to allow traccability/authenticity. Fixture shall be AS PER IS 10322 Complianced. OEM Must have its own in house NABL lab setup for all testing facilities for LED fixtures. (LM79/LM80) Certificate/ report with liable warranty of product/accessories from OEM shall be submitted. All as		E190500	hardwares etc as requiredas per PWD / DISCOM specification. All as per pre approved by Engineer in charge For additional technical	80	Nos	55.00	Each	4400.0
PWD specification for electrical Works conforming to IS/IEC 60947-3 : 1999 (W/O HBC fuses) including making connections with suitable lugs, testing etc. as required. Appropriate type test certificate / OEM test report shall be submitted. All as per pre approved by Engineer in charge. For additional technical parameters of products/ work , refer Annexure "A" attached with this BSR. E100101 63 A rating 5 Nos 5623.00 Each 28115.0 Providing & Fixing of IK07 IP 66 protected LED Street Light Luminaire on existing bracket/pole. Fixture made of powder coated single piece pressure die cast aluminum LM6/ADC12 material with heat dissipation fins on housing with UV stabilized PC/Toughened Glass cover (UV stablzation report submitted for UV cover) and secondary lens on each LED & should be SMD type. The System level Luminaire efficacy >=120 lm/ with High Power LEDs is to be used and potted driver must be potted & has a unique BIS n number with Input Voltage AC 120 to 270 V AC with High voltage Cutoff @>=300 V AC and Auto resetting Safety ,Input Frequency 5011£23% Power Factor >0.95 driver Efficiency >85% ,THD() <10% Humidity 10% to 90% RH Working Temp -5C to 45C . driver current <1000mA shown in LM79 report. The luminaire shall be BIS certified and T.C. certified. Life Expectancy Equal or more than 50000 burning hrs with Minimum 70% lumen maintened ,colorRendering Index >70 and CCT 5700K +355K. Surge protection shall be min ≥ 4 KV internal and min 10 KV external. driver should be Phase to phase protection of 440 V for 4 Hrs. Manufactures Word Mark/Name Engraved/Embossing on die cast housing to allow traceability/authenticity. Fixture shall be AS PER IS 10322 Complianced. OEM Must have its own in house NABL lab setup for all testing facilities for LED fixtures. (LM79/LM80) Certificate/ report with liable warranty of product/accessories from OEM shall be submitted. All as per pre approved by Engineer in charge. For additional technical parameters of products/ work , refer Annexure "A" attached with this BSR		E190501	75mm x 90mm			O. J.		
E100101 63 A rating Providing & Fixing of IK07 IP 66 protected LED Street Light Luminaire on existing bracket/pole. Fixture made of powder coated single piece pressure die cast aluminum LM6/ ADC12 material with heat dissipation fins on housing with UV stabilized PC/Toughened Glass cover (UV stab/zation report submitted for UV cover) and secondary lens on each LED & should be SMD type. The System level Luminaire efficacy >=120 Im/ wt with High Power LEDs is to be used and potted driver must be potted & has a unique BIS R number with Input Voltage AC 120 to 270 V AC with High voltage Cutoff @>=300 V AC and Auto resetting Safety, Input Frequency 50Hz±3% Power Factor >0.95 driver Efficiency >85%, THD(I) <10% Humidity 10% to 90% RH Working Temp -5C to 45C. driver current <1000mA shown in LM79 report. The luminaire shall be BIS certified and T.C. certified. Life Expectancy Equal or more than 50000 burning hrs with Minimum 70% lumen maintened, colorRendering Index >70 and CCT 5700K +355K. Surge protection shall be min ≥ 4 KV internal and min 10 KV external, driver should be Phase to phase protection of 440 V for 4 Hrs. Manufactures Word Mark/Name Engraved/Embossing on die cast housing to allow traceability/authenticity. Fixture shall be AS PER IS 10322 Complianced. OEM Must have its own in house NABL lab setup for all testing facilities for LED fixtures. (LM79/LM80) Certificate/ report with liable warranty of product/accessories from OEM shall be submitted. All as per pre approved by Engineer in charge. For additional technical parameters of products/ work, refer Annexure "A" attached with this BSR		E100100	PWD specification for electrical Works conforming to IS/IEC 60947-3: 1999 (W/O HBC fuses) including making connections with suitable lugs, testing etc. as required. Appropriate type test certificate / OEM test report shall be submitted. All as per pre approved by Engineer in charge. For additional technical parameters of products/ work, refer Annexure "A" attached with this	30	Nos	61.00	Each	3050.00
Providing & Fixing of IK07 IP 66 protected LED Street Light Luminaire on existing bracket/pole. Fixture made of powder coated single piece pressure die cast aluminum LM6/ ADC12 material with heat dissipation fins on housing with UV stabilized PC/Toughened Glass cover (UV stablzation report submitted for UV cover) and secondary lens on each LED & should be SMD type. The System level Luminaire efficacy >=120 lm/ wt with High Power LEDs is to be used and potted driver must be potted & has a unique BIS R number with Input Voltage AC 120 to 270 V AC with High voltage Cutoff @>=300 V AC and Auto resetting Safety, Input Frequency 50Hz±3% Power Factor >0.95 driver Efficiency >85%, THD(I) <10% Humidity 10% to 90% RH Working Temp -5C to 45C . driver current <1000mA shown in LM79 report. The luminaire shall be BIS certified and T.C. certified. Life Expectancy Equal or more than 50000 burning hrs with Minimum 70% lumen maintened, colorRendering Index >70 and CCT 5700K +355K. Surge protection shall be min ≥ 4 KV internal and min 10 KV external. driver should be Phase to phase protection of 440 V for 4 Hrs. Manufactures Word Mark/Name Engraved/Embossing on die cast housing to allow traceability/authenticity. Fixture shall be AS PER IS 10322 Complianced. OEM Must have its own in house NABL lab setup for all testing facilities for LED fixtures. (LM79/LM80) Certificate/ report with liable warranty of product/accessories from OEM shall be submitted. All as per pre approved by Engineer in charge. For additional technical parameters of products/ work , refer Annexure "A" attached with this BSR	-	F100101	DOK.			20-11	-	7.15
Providing & Fixing of IK07 IP 66 protected LED Street Light Luminaire on existing bracket/pole. Fixture made of powder coated single piece pressure die cast aluminum LM6/ ADC12 material with heat dissipation fins on housing with UV stabilized PC/Toughened Glass cover (UV stablzation report submitted for UV cover) and secondary lens on each LED & should be SMD type. The System level Luminaire efficacy >=120 lm/ wt with High Power LEDs is to be used and potted driver must be potted & has a unique BIS R number with Input Voltage AC 120 to 270 V AC with High voltage Cutoff @>=300 V AC and Auto resetting Safety ,Input Frequency 50Hz±3% Power Factor >0.95 driver Efficiency >85% ,THD(I) <10% Humidity 10% to 90% RH Working Temp -5C to 45C . driver current <1000mA shown in LM79 report. The luminaire shall be BIS certified and T.C. certified. Life Expectancy Equal or more than 50000 burning hrs with Minimum 70% lumen maintened ,colorRendering Index >70 and CCT 5700K +355K. Surge protection shall be min ≥ 4 KV internal and min 10 KV external. driver should be Phase to phase protection of 440 V for 4 Hrs. Manufactures Word Mark/Name Engraved/Embossing on die cast housing to allow traceability/authenticity. Fixture shall be AS PER IS 10322 Complianced. OEM Must have its own in house NABL lab setup for all testing facilities for LED fixtures. (LM79/LM80) Certificate/ report with liable warranty of product/accessories from OEM shall be submitted. All as per pre approved by Engineer in charge. For additional technical parameters of products/ work , refer Annexure "A" attached with this BSR	1	1010101	63 A rating	5	Nos	5623.00	Fach	20115.00
E181303 LED Street Light fixture 45 Watt			existing bracket/pole. Fixture made of powder coated single piece pressure die cast aluminum LM6/ ADC12 material with heat dissipation fins on housing with UV stabilized PC/Toughened Glass cover (UV stablzation report submitted for UV cover) and secondary lens on each LED & should be SMD type. The System level Luminaire efficacy >=120 lm/ wt with High Power LEDs is to be used and potted driver must be potted & has a unique BIS R number with Input Voltage AC 120 to 270 V AC with High voltage Cutoff @>=300 V AC and Auto resetting Safety ,Input Frequency 50Hz±3% Power Factor >0.95 driver Efficiency >85% ,THD(1) <10% Humidity 10% to 90% RH Working Temp -5C to 45C. driver current <1000mA shown in LM79 report. The luminaire shall be BIS certified and T.C. certified. Life Expectancy Equal or more than 50000 burning hrs with Minimum 70% lumen maintened ,colorRendering Index >70 and CCT 5700K +355K. Surge protection shall be min ≥ 4 KV internal and min 10 KV external. driver should be Phase to phase protection of 440 V for 4 Hrs. Manufactures Word Mark/Name Engraved/Embossing on die cast housing to allow traceability/authenticity. Fixture shall be AS PER IS 10322 Complianced. OEM Must have its own in house NABL lab setup for all testing facilities for LED fixtures. (LM79/LM80) Certificate/ report with liable warranty of product/accessories from OEM shall be submitted.			A London Comment of the Comment of t		
E181303 LED Street Light fixture 45 Watt	6					THE A		NOTES -
	1	E181303	LED Street Light fixture 45 Watt	20	Nos	4405.00	Each	88100.00

Providing & Fixing of Street light bracket made out from following size of 'B' class, Medium class G.I. Pipe confirming to IS: 1239 P-1 (2004) with heavy duty pole clamp, Saddles suitable fastners etc. as required. All as per pre approved by Engineer in charge. For additional technical parameters of products/ work, refer Annexure "A"					TO THE PARTY
attached with this BSR					
703 32 mm Dia.		Nos	279.00	Each	5580.00
Supply & drawing Wiring for sub mains as per PWD specification for electrical Works with ISI marked (IS:694), 1100 Volts grade PVC insulated flat twin core sheathed solid aluminium conductor with 10 SWG G.I. Support wire duly clipped including all as per pre approved by Engineer in charge, making connections, as required. OEM Must have its own in house NABL lab setup for all testing facilities for wires. For additional technical parameters of products/ work, refer Annexure "A" attached with this BSR.	in the				
02 6.0 sq.mm	2000	Mtr	56.0	RM	112000.00
	4000	mtr	81.0	RM	324000.00 689975.00
02	6.0 sq.mm 10.0 sq.mm			0.0 sq.nin	0.0 sq.min

B. Regularly operation and maintanance of existing street lighting system (all type of luminaires) other than EESL led. Contractor may be deployed seprate team for these work

PART-D ("H" Schedule)

	On	7	Rate	Amount
	7	-	1 4 4	
Regularly Operation & maintenance of electronics pole mounting dusk down photo cent timer, lock type timer, ON-OFF panel 63/100amp rating Main switch, by required replacment all lefective accessories which are burnet, broken and missing such as air break, contractor, (L&T/BCH male) 3 pole MCCB, single pole MCCB, solar plate, electronic/micro controllor, copper strip lead wire insulator, hard ware. Upto supply sources, and also regularly maintain log sheet of time ON-OFF and must be intimate to site incharge / engineering incharge & if any type of need from JUVVNL immediate to inform related office and any type required help to take them.			EZDM	
1) For 25/40/ 63/100 Amp rating(3-Phase/1-phase)	14	Nos	E/FWI	
Regularly Operation & Maintenance of manual main switch operated Ord-OFF & Intending meed full replacemen by defective, burnt, and broken accessories such as kitkit fuse, handle unclip fuse wire HRC fuse copper strip connecting rode etc. mainten log sheet and time to time intimate to site incharge / engineer in charge & if any type of need from JUVVNL immediate to inform related office and any type required help to take them.	12	Nos	E/PM	
replacement with all defectives missing and broken accessories in an respect as per	50	Nos	E/PM	
Regularly Operation & maintenance of existing sodium & little mind with all defectives including pole/wall/TP pole/oct pole//ZB pole/etc by need full replacement with all defectives missing and broken accessories in all respect as per direction of engineering incharge.	150	Nos	E/PM	
pole//ZB pole/etc by need full replacement with an defectives missing and obtained all respect as per direction of engineering incharge.	1000	Nos	E/PM	
Regularly Operation & maintenance of existing decorative light by need full replacement with all defectives missing and broken accessories in all respect as per direction of engineering incharge. y are tentative qty its used for only estimate purpose, actual qty may be consider after survey.	100	Nos	E/PM	
	lefective accessories which are burnet, broken and missing such as all bleak, contractor, (L&T/BCH male) 3 pole MCCB, single pole MCCB, solar plate, electronic/micro controllor, copper strip lead wire insulator, hard ware. Upto supply sources, and also regularly maintain log sheet of time ON-OFF and must be intimate to site incharge / engineering incharge & if any type of need from JUVVNL immediate to inform related office and any type required help to take them. 1) For 25/40/63/100 Amp rating(3-Phase/1-phase) Regularly Operation & Maintenance of manual main switch operatted ON-OFF & Including all need full replacemen by defective, burnt, and broken accessories such as kitkit fuse, handle unclip fuse wire HRC fuse copper strip connecting rode etc. mainten log sheet and time to time intimate to site incharge / engineer in charge & if any type of need from JUVVNL immediate to inform related office and any type required help to take them. Regularly Operation & maintenance of existing fluorescent tube fixture(36/40watt) by need full replacement with all defectives missing and broken accessories in all respect as per direction of engineering incharge. Regularly Operation & maintenance of existing sodium & MH fitting (70/150/250watt) including pole/wall/TP pole/oct pole//ZB pole/etc by need full replacement with all defectives missing and broken accessories in all respect as per direction of engineering incharge. Regularly Operation & Maintanance of existing LEDs lights w including pole/wall/TP pole/oct pole//ZB pole/etc by need full replacement with all defectives missing and broken accessories in all respect as per direction of engineering incharge. Regularly Operation & maintenance of existing decorative light by need full replacement with all defectives missing and broken accessories in all respect as per direction of engineering incharge.	Regularly Operation & maintenance of electronics pole mounting dusk down photo cell timer, lock type timer, ON-OFF panel 63/100amp rating Main switch, by required replacment all lefective accessories which are burnet, broken and missing such as air break contractor, (L&T/BCH male) 3 pole MCCB, single pole MCCB, solar plate, electronic/micro controllor, copper strip lead wire insulator, hard ware. Upto supply sources, and also regularly maintain log sheet of time ON-OFF and must be intimate to site incharge / engineering incharge & if any type of need from JUVVNL immediate to inform related office and any type required help to take them. 1) For 25/40/63/100 Amp rating(3-Phase/1-phase) Regularly Operation & Maintenance of manual main switch operatted ON-OFF & Including all need full replacemen by defective, burnt, and broken accessories such as kitkit fuse, handle unclip fuse wire HRC fuse copper strip connecting rode etc. mainten log sheet and time to time intimate to site incharge / engineer in charge & if any type of need from JUVVNL immediate to inform related office and any type required help to take them. Regularly Operation & maintenance of existing fluorescent tube fixture(36/40watt) by need full replacement with all defectives missing and broken accessories in all respect as per direction of engineering incharge. Regularly Operation & maintenance of existing sodium & MH fitting (70/150/250watt) including pole/wall/TP pole/oct pole//ZB pole/etc by need full replacement with all defectives missing and broken accessories in all respect as per direction of engineering incharge. Regularly Operation & Maintanance of existing LEDs lights w including pole/wall/TP pole/oct pole//ZB pole/etc by need full replacement with all defectives missing and broken accessories in all respect as per direction of engineering incharge.	Regularly Operation & maintenance of electronics pole mounting dusk down photo cell timer, lock type timer, ON-OFF panel 63/100amp rating Main switch. by required replacement all lefective accessories which are burnet,broken and missing such as air break, contractor,(L&T/BCH male) 3 pole MCCB, single pole MCCB, solar plate, electronic/micro controllor, copper strip lead wire insulator, hard ware. Upto supply sources. and also regularly maintain log sheet of time ON-OFF and must be intimate to site incharge / engineering metharge & if any type of need from JUVVNL immediate to inform related office and any type required help to take them. 1) For 25/40/ 63/100 Amp rating(3-Phase/1-phase) Regularly Operation & Maintenance of manual main switch operated ON-OFF & Including all nuclip fuse wire HRC fuse copper strip connecting rode etc. mainten log sheet and time to time intimate to site incharge / engineer in charge & if any type of need from JUVVNL immediate to inform related office and any type required help to take them. 12 Nos Regularly Operation & maintenance of existing fluorescent tube fixture(36/40watt) by need full replacement with all defectives missing and broken accessories in all respect as per direction of engineering incharge. Regularly Operation & maintenance of existing sodium & MH fitting (70/150/250watt) including pole/wall/TP pole/oct pole//ZB pole/etc by need full replacement with all defectives missing and broken accessories in all respect as per direction of engineering incharge. Regularly Operation & Maintanance of existing LEDs lights w including pole/wall/TP pole/oct pole//ZB pole/etc by need full replacement with all defectives missing and broken accessories in all respect as per direction of engineering incharge. Regularly Operation & maintenance of existing decorative light by need full replacement with all defectives missing and broken accessories in all respect as per direction of engineering incharge.	Regularly Operation & maintenance of electronics pole mounting dusk down photo cell timer, look type timer, ON-OFF panel 63/100amp rating Main switch. by required replacement all efective accessories which are burnet, broken and missing such as air break controllor, copper strip lead wire insulator, hard ware. Upto supply sources, and also regularly maintain log sheet of time ON-OFF and must be intimate to site incharge / engineering incharge & if any type of need from JUVVNL immediate to inform related office and any type required help to take them. 1) For 25/40/63/100 Amp rating(3-Phase/1-phase) Regularly Operation & Maintenance of manual main switch operated ON-OFF & Including all need full replacemen by defective, burnt, and broken accessories such as kitkit fuse, handle unclip fuse wire HRC fuse copper strip connecting rode etc. mainten log sheet and time to time intimate to site incharge / engineer in charge & if any type of need from JUVVNL immediate to inform related office and any type required help to take them. 12 Nos E/PM Regularly Operation & maintenance of existing fluorescent tube fixture(36/40watt) by need full replacement with all defectives missing and broken accessories in all respect as per direction of engineering incharge. Regularly Operation & maintenance of existing sodium & MH fitting (70/150/250watt) including pole/wall/TP pole/oct pole//ZB pole/etc by need full replacement with all defectives missing and broken accessories in all respect as per direction of engineering incharge. Regularly Operation & Maintenance of existing LEDs lights w including pole/wall/TP pole/oct pole//ZB pole/etc by need full replacement with all defectives missing and broken accessories in all respect as per direction of engineering incharge. Regularly Operation & maintenance of existing decorative light by need full replacement with all defectives missing and broken accessories in all respect as per direction of engineering incharge.

I/We agree to do the above "G" Schedule (Part C) work @	we/below on RUIDP2022/pwd 2021		with JMC terms conditions.
I/We agree to do the above "G" Schedule (Part C) work @	Part A:-	1)	Per Team Per Montl
	Part B:-	1)	Each Job
	Part D:-	1)2)	E/PM E/PM
		3)	E/PM
		4)	E/PM
		5)	E/PM
		6)	E/PM

sign of Contractor

(5)

JOHNUR MUNICIPAL CORPORATION (South)

Name of Supply and fixing of LED Light at Jodhpur Municipal Corporation area (Ward 86) RUIDE SON

_	COME	<u>Schoolade</u>	-	-	PARI .	hedule)	
Sp.	Day.	PARFICULARS		TY.	RAT	6	AMOUNT
1	141 84 3400	Providing & Fixing of IkO7 IP 68 protected LIED Street Light Lunithelite on existing bracket/pole. Fixtuse made of powder coated single piece pressure die cast aluminum LM6/ ADC12 material with heat dissipation fins on housing with UV stabilized PC/Foughened Glass cover (UV stabilized performance of the cover of the cove					
(3)	E18/1302	CED Street Light fixture 30 Walt					141
	THE 303'	LED Street Light fixture 45 Watt	150	Nos	2465.00	Ench	369750.00
	Children and	Eco Succi Eight fixture 45 Wall	100	Nos	4405.00	Each	440500.00
	E181305	LED street Light fixture 72 watt					
2	12040'500	Supply & disaving Wiring for sub mains as per PWD specification for electrical Works with ISI marked (IS:694), 1100 Volts grade PVC insulated that twin core sheathed solid aluminium conductor with 10 SWG G.I. Support wire duly clipped including all as per pre approved by Engineer in charge, making connections, as required. OEM Must have its own in house NABL lab setup for all testing facilities for wires. For additional technical parameters of products/work, refer Annexure "A" attached with this BSR.	20	Nos	5250.00	Each,	105000 00
	E040501	4.0 sq.mm	550	Mir	39.00	DV4	21460.00
3		Providing & Fixing of Street light bracket made out from following size of 'B' class, Medium class G.I. Pipe confirming to IS: 1239 P - 1 (2004) with heavy duty pole clamp, Saddles suitable fastners etc. as required. All as per pre approved by Engineer in charge. For additional technical parameters of products/work, refer Annexure "A" attached with this BSR.	330	MIN	39.UJ)	RM	2,1450.00
	E181702	25 mm Dia.	150	Mir	226.00	RM	33900.00
	E181703	32 mm Dia.	105	Mtr	279.00	RM	
\dashv		TOTAL (PART-A)	100	iviti	279.00	KIVI	29295.00 999895.00

Yinds XEN(Elc)

I agree to do above "G" Schedule work @ above/below on RUIDP 2022/BSR PWD 2021 electric with JMC terms and conditions...

Signature of Contractor



JODHPUR MUNICIPAL CORPORATION (South)

Supply and fixing of LED Light at Jodhpur Municipal Corporation area (Ward 78) Name of work:-

PART-A ("G" Schedule) Schedule **RUIDP SOR 2022** RATE AMOUNT QTY. PARTICULARS CODE no Sn. Providing & Fixing of IK07 IP 66 protected LED Street Light Luminaire on E181300 existing bracket/pole. Fixture made of powder coated single piece pressure die cast aluminum LM6/ ADC12 material with heat dissipation fins on housing with UV stabilized PC/Toughened Glass cover (UV stablzation report submitted for UV cover) and secondary lens on each LED & should be SMD type . The System level Luminaire efficacy >=120 lm/ wt with High Power LEDs is to be used and potted driver must be potted & has a unique BIS R number with Input Voltage AC 120 to 270 V AC with High voltage Cutoff @>=300 V AC and Auto resetting Safety ,Input Frequency 50Hz±3% Power Factor >0.95 driver Efficiency >85% ,THD(I) <10% Humidity 10% to 90% RH Working Temp -5C to 45C . driver current <1000mA shown in LM79 report. The luminaire shall be BIS certified and T.C. certified. Life Expectancy E181302 LED Street Light fixture 30 Watt 369750.00 150 Nos 2465.00 Each 440500.00 4405.00 Each E181303 LED Street Light fixture 45 Watt 100 Nos 105000.00 5250.00 Each E181305 20 Nos LED street Light fixture 72 watt E040500 Supply & drawing Wiring for sub mains as per PWD specification for electrical Works with ISI marked (IS:694), 1100 Volts grade PVC insulated flat twin core sheathed solid aluminium conductor with 10 SWG G.I. Support wire duly clipped including all as per pre approved by Engineer in charge, 2 making connections, as required. OEM Must have its own in house NABL lab setup for all testing facilities for wires. For additional technical parameters of products/ work, refer Annexure "A" attached with this BSR. 21450.00 E040501 550 Mtr 39.00 RM E181700 Providing & Fixing of Street light bracket made out from following size of 'B class, Medium class G.I. Pipe confirming to IS: 1239 P - 1 (2004) with heavy duty pole clamp, Saddles suitable fastners etc. as required. All as per pre 3 approved by Engineer in charge. For additional technical parameters of products/ work, refer Annexure "A" attached with this BSR. 226.00 RM 33900.00 E181702 150 Mtr 25 mm Dia. 279.00 RM 105 Mtr 29295.00



999895.00

I agree to do above "G" Schedule work @ above/below on RUIDP 2022/BSR PWD 2021 electric with JMC terms and

TOTAL (PART-A)

Signature of Contractor

E181703

32 mm Dia.