जोधपुर नगर निगम, (दक्षिण)



पोलोटेक्निक कॉलेज परिसर, रेजीडेन्सी रोड, जोघपुर E-Mail- ceo nnj@rediffmail.com,nnjelectrical@gmail.comTel: 0291 2651464

क्रमाक - सं /एफ 15/कार्य/2024/RL-13999

दिनांक:- २५/०७/२०२५

ई- निविदा सूचना क्रमांक RL-13993 दिनाक 34/07/2024

UBN No. DLB2425WSOB03935

जोधपुर सगर निराम दक्षिण द्वारों इच्छुक कार्यों के अनुभवी/योग्यनाधारी, डिजिटन विधुत लाईसेन्सवारी संवेदको, नगर निगम में पजीकृत नियमानुसार E-EWSD श्रेणी संवेदको, अन्य विभाग में पजीकृत E-EWSD-I ऑन-लाईन 'ई' टेण्डर प्रकिया से निगम शर्तों के अधीन निविदाये आमंत्रित की जाती है। निविदा के कार्यों, योग्यता, शर्तों की समस्त जानकारी वेदसाइंट पर <u>www.eproc.raj.in</u> अथवा <u>www.sppp.raj.nic.in</u> अथवा https://lsg-rajasthan.gov.in/MCJS पर देखी जा सकती है।

> (डॉ. टी शुनमंगला) LAS

1.3.5

आयुक्त नगर निगम, (दक्षिण) जोघपुर

क्रमाव - सं./एफ-15/कार्य/2024/RL-14000 रे 14004

दिनांक:-२५/07/2024

- प्रतिनिधि 1 राजस्थान सवाद जयपुर को भेज कर लेख है कि आगामी अंक में एक राज्य स्तरीय संस्करण एवं जोघपुर संस्करण में प्रकाशित कर बिल भुगतान हेतु प्रस्तुत करें।
 - 2. बिल लिपिक, नगर निगम, जोवपुर।
 - अभिस्ताल डाटा जोचपुर। इस निविदा www.sppp.raj.nic.in वेच साईट पर अपलोड करावे।
 - मैसर्स इलीट मत्रा, JMC वेब साईट पर अपलोड करावे।
 - 5 नाटिस बोर्ड नगर निगम जोधपुर।

आयुक्त नगर निगम, (दक्षिण) जोघपुर

Document certified by T SHUBHAMANGALA <shubhamangala.samanviya@gmail.com>.

Digitally Signed by T. SHUBHAM ANGALA Designation Opmmissioner Date:19-0 37338107:16:54

जोधपुर नगर निगम,(दक्षिण)



पोलोटेक्निक कॉलेज परिसर, रेजीडेन्सी रोड़, जोधपुर

E-Mail- ceo nnj@rediffmail.com,nnjelectrical@gmail.comTel: 0291.2651464

क्रमाक:- एफ-15/कार्य/2024/ह्री-13993

दिनांक:- २५/०7/२०१५

ई-निविदा सूचना DLB2425WSOB03935

जोधपुर नगर निगम दक्षिण द्वारा इच्छुक कार्यों के अनुभवी/योग्यताधारी डिजिटल विद्युत लाईसेन्सधारी सर्वदको, नगर निगम में पंजीकृत नियमानुसार श्रेणी संवेदको, अन्य विभाग में पंजीकृत EEWSD-I ऑन-लाईन "ई" टंण्डर प्रक्रिया से निगम शर्तों के अधीन निविदायें आमंत्रित की जाती है। निविदा की शर्ते लेखा नियमानुसार रहेगी।

क्र स	कार्य का नाम	अनुमानित लागत (लाखो में)	अमानत राशि 2%	ई–टेण्डर प्रोसेसिंग शुल्क	निविदा प्रपत्र शुल्क	कार्य करने की अवधि
1	वार्ड सं. 01 से 37 में विभिन्न स्थानों पर रोड	• 9.93	19860	500	500	6 माह
2	लाइट वायर खिचवाने का कार्य . वार्ड सं. 22 में विभिन्न स्थानो पर एलईडी,पोल,फेज वायर लगाने का कार्य	16.24	32480	500	500	1 24
3	वार्ड सं. 20 मे विभिन्न स्थानों पर एलईडी व सेमीहाईमास्ट लाइट लगाने का कार्य	5.02	10040	500	500	6 माह

I-liadi Naulku ara i ari ini	दिनांक 25/7/24 दिनांक 25/7/24 से 4/8/24 दिनांक
निविदा अपलोड करने की तिथि निविदा डाउनलोड/अपलोड करने की आंतिम तिथि व	दिनांक 4 8 24 अपरान्ह 6.00 वर्ज तक
समय निविदा के दस्तादेज कार्यालय में जमा कराने की दिनांक	दिनांक 5 7 24 अपरान्ह 🚻 .००वजे तक
निविदा खोलने की तिथि व समय	दिनांक 5 8 24 अपरान्ह 1.00 वर्ज तक

ई-निविदा प्रपन्नों को वेव 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 पर http://eproc.rajasthan.gov in जमा कराएं। विस्तृत विवरण एवं शर्तों के लिए नगर निगम दक्षिण कार्यालय के विद्युत अनुभाग से जानकारी प्राप्त की जा सकती है। इं निविदा की महत्वपूर्ण शर्ते निम्नानुसार है:-

1. आर.टी.पी.पी. एक्ट 2012 एवं आर.टी.पी.पी. रूल्स 2013 के नियम एवं शर्ते निविदा में लागू होंगे।

- 2. निविदा प्रपत्र शुल्क व धरोहर राशि का डिमाण्ड ड्राफ्ट आयुक्त नगर निगम जोधपुर दक्षिण payable जोधपुर होना चाहिए। निविदा जारी के पश्चात् दिनांक की डी.डी. प्रस्तुत करनी होगी अन्यथा निविदा से निरस्त कर दी
- 3. वित्त विभाग के आदेश अनुसार ई-टेन्डर प्रोसेसिंग शुल्क 50.00 लाख रूपये तक की राशि के कार्य के लिए 50.00 लाख रूपये से अधिक राशि के कार्यों के लिए 1500/-रू की राशि निविदा शुल्क के अतिरिक्त देनी होगी जो डिमाण्ड या वैंकर के रूप में देय होगी। यह डिमाण्ड ड्रापट या वैंकर वैंक MD,RISL, payable at Jaipur होना चाहिए ।

4. निविदाकर्ता द्वारा निविदा शुल्क, धरोहर राशि, E-Tender प्रोसेसिंग राशि डिमाण्ड ड्रापट की प्रति सम्बन्धित कार्यालय

में जमा कराना आवश्यक होगा।

- 5. अमानत राशि / धरोहर राशि निविदा प्रपन्न में दर्शाई गई कुल अनुमानित लागत की 2% 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 सवेदको से 2% अमानत राशि देय होगी। नगर निगम में विद्युत पजीकृत संवेदक को अदेशानुस्तार पंजीयन रिव्यू कराया जाना आवश्यक होगा, अन्यथा निविदा रवीकार नहीं की जाएगी। प्रतिभूति घोषणा पत्र की हार्डकॉपी फर्म द्वारा निर्धारित समय, दिनांक पर कार्यालय में जमा करानी होगी।
- 6. ई-बोली प्रपन्न दो भागों में है। प्रथम भाग तकनीकी विड है तथा द्वितीय भाग वित्तीय विड है। बोली दाता द्वारा तकनीकी विंड हेतु यह प्रपन्न मय संलग्न य वाधनीय दस्तावेज के प्रत्येक पृष्ठ पर हस्ताक्षर करते हुये(मय सील) eproc पोर्टल पर अपलोड करनी है। वित्तीय विड ऑनलाईन BORajKaj Rof की जानी है। इससे मिन्न रूप ने प्रस्तृत प्रस्ताबों पर विचार गही किया जाएगा। वित्तीय दर वाला 19097408न्ट केवल उन्हीं कार्मों का खोला जायेगा, जिन्हे कमेटी द्वारा तकनीकी विद्य खेवयूर्गेन्ट में घोग्य रामझा जायेगा।
- 7. संवेदक को किसी भी राजकीय विभाग अथवा राजकीय उपक्रम में समान प्रकृति के यत उ वर्ष में निम्नानुसार राम्पादित कार्य जिसका अनुन ्यूर्णता प्रमाण पन सलग्न करना आवश्यक होना-

- एक कार्य का अनुमानित लागत का 80% के बराबर पूर्णता का प्रमाण पत्र संलग्न करना होगा।
- दों कार्य जिनमें प्रत्येक कार्य का अनुमानित लागत का 50% कं बरावर पूर्णता का प्रमाण पत्र सलग्न करना होगा।
- तीन कार्य जिनमें प्रत्येक कार्य का अनुमानित लागत का 40% के वरावर पूर्णता का प्रमाण पत्र सलग्न
- संवेदक का किसी भी राजकीय संस्था विभाग,वोर्ड कॉपरेशन अथवा उपक्रम में वर्तमान में व्लेक-लिस्टेड / डी-आर अथवा डिफाल्टर घोपित नहीं किया होना चाहिए इस संबंध में 100 रूपये के नॉन ज्यूडिशियल स्टाम्प पेपर पर
- कार्यों के सम्मुख उपरोक्तानुसार वर्णित कार्यालय में संवेदक द्वारा दिनाक 25 न 24 से दिनाक 64 3 24. को वेबसाईट http://eproc.rajasthan.gov.in पर देखा जा सकता है, निविदा प्रपत्रों में निविदाकर्ता के लिए योग्यता सूचना तथा निविदाकर्ता की पात्रता, प्लान, स्पेशिफिकेशन उपलब्ध हैं। सभी दस्तावेजों को निविदा में अपलोड करना
 - 10. यदि सवेदक का नजदीकी रिश्तेदार (प्रथम रक्त सम्बन्धी व उनके पति/पत्नि) इस कार्य सं सम्बन्धित जोधपुर नगर निगम कार्यालय में कार्यरत लेखाकार अथवा तकनीकी स्तर का किसी पद पर पदस्थापित हो तो इस कार्य पर
 - 11. राज्य सरकार में किसी भी अभियांत्रिकी विभाग में किसी भी इंजीनियर अथवा इंजीनियरिंग या प्रशासनिक कार्य पर नियुक्त राजपित्रित अधिकारी राज्य सरकार की अनुमित के विना सेवा निवृति के 2 वर्ष तक संवेदक अथवा उसके कर्मचारी के रूप में कार्य नहीं कर सकेगा।

 - 13. यदि संवेदक द्वारा कार्य पर लगाये जाने वाले श्रमिकों के मध्य कोई विवाद उत्पन्न होता है तो उसकी प्रवंधकीय 12. कार्य पूर्ण करने की अवधि में मानसून अवधि सम्मिलित है। जिम्मेदारी संवेदक की होगी उसके लिए उपापन संस्था का सक्षम प्राधिकारी न्यूनतम मजदूरी अधिनियम 1948 एव राजस्थान अनुवंधित श्रमिका (नियमन एवं उन्मुलन) अधिनियम 1970 का पालन करने का उत्तर दियत्व होगा एव साथ ही संवेदक का पी.एफ. में पंजीकरण अनिवार्य होगा और नवीनतम भरा हुआ पी.एफ का चालान भी निविदा मे
 - 14. फर्म का जीएराटी विभाग द्वारा जारी जीएसटी सर्टिफिकेट मय नवीनतम जीएसटी रिर्टन प्रमाण पत्र की छाया प्रति
 - 15. संवेदक को उपरांक्त कार्य में भाग लेने के लिए विगत तीन वित्तीय वर्ष में निविदा राशि का वार्षिक आसत न्यूनतम
 - 16. संवेदक को निविदा में मागे गये दस्तावेंजों की पूर्ती कर लगाया जाना आवश्यक होगा। यदि मागे गये दस्तावेजो की पूर्ती नहीं किये जाने पर उस फर्म की असफल माना जावेगा।

 - 18. यदि निविदादाता किसी कार्यादेश की पूर्ति समय पर नहीं कर पावे अथवा आदेशों की अवहेलना करता है, या बाद मानवाबाम पुरास वर्गवाका कर रहा है, तो 5000 /- रू. प्रतिदिन की दर से जुर्माना आगामी होने गाले भुगतान राशि मे
 - 19. कार्य की आवश्यकता को देखते हुए दूरभाव पर भी आदेश दिये जा सकेंगे जो ठेकेदार को मान्य होगे। इसकी पुष्टि
 - 20. टेकेंदार के टंके को निरस्त करने की अवस्था में नगर निगम जोधपुर द्वारा उचित समझे जाने पर निविदा में भाग विकास के अन्य प्रभी से प्रथम निविदादाता (वर्तमान ठेकेदार) की अनुमोदित दरों पर कार्य करने की सहमति लेकर
 - 21. इस करार के उत्पन्न सगरत विवादों तथा इस करार के निर्वाधन से संविधत समस्त प्रश्न नगर निगम द्वारा वर्णित किये जायेंगे और नगर निगम जोधपुर का निर्णय अंतिम होगा।
 - 22. सिविल विवाद की स्थिति में स्थानीय सिविल न्यायालय को ही क्षेत्राधिकार होगा।
 - 23. राज्य सरकार व नगर निगम जांधपुर द्वारा रागय रागय पर जारी आदेश निर्देश मान्य होगे। 24. निविदा विफल रहा है के मूलक की निम्नानुसार प्रतिशत के आधार पर वसूली की जानेगी।
 - ५ ००प्रतिशत
 - विहित परिदान कालाविव की एक चौथाई कालाविव तक विलम्ब
 - बिहित कालाविक्त स एक वीथाई से अविक किन्तु आधी च अनाधिक कालापचि तक विलम्ब 7.50 प्रतिशत
 - विहित कालावृधि के आन में किन्तु तीन चीथाई तक की कालावधि का विताय
 - विहित कालाविद के ठीन गौलाई से अदिक की कालावधि का विस्ता
 - निर्धारित कुमसान की अविभावम बना

RajKaj Refuo प्रतिभव 9097405

I ich utimi

25. तिविदादाता को ई-मेल द्वारा सूचना दी जा संगारी है। इंग्निसंए आप अपने याटसएप नम्बर, ई-मेल तथा गोवाईल

26. सतोपजनक कार्य नहीं होने की स्थिति में अनुवंध को किसी भी समय निरस्त किया जा सकता है तथा प्रतिभूति

राशि जब्त कर ली जायेगी। 27. निविदादाता द्वारा किसी भी आइंटम की दर प्रस्तुत नहीं करने पर निविदा को अपूर्ण मानकर निरस्त कर दिया

- 28. यदि किसी निविदादाता द्वारा टेण्डर की राशि से कम दर भरी जाती है तो सफल निविदादाता को एल ओए (स्वीकृ ति पत्र) जारी किये जाने के 14 दिवस के अन्दर के अन्दर अन्तर की राशि बीजी/एफडीआर/एनएससी के रूप मे नगर निगम में जगा करानी होगी। कार्य संतोपप्रद पूर्ण होने के पश्चात वापस लोटा दी जायेगी।
- हरताक्षर एनेक्सचर स्वय http://eproc.rajasthan.gov.in पर अपलोड करने पर ही निविदा को मान्य किया जायेगा। अन्यथा निविदा निरस्त को

30. निविदादाता दरों की वैधता अविध खोले जाने की दिनांक से 90 दिवस तक अनुमोदन हेतु मान्य होगी।

- 31. कार्य की दोप निवारण अवधी 02 वर्ष की रहेगी जिसमें किसी प्रकार की लापरवाही वरतने पर विल से कटौती गय पेनेल्टी की जाएगी जिसकी समस्त जिम्मेदारी आप स्वयं की रहेगी।
- 32. संवेदक को RUIDP 2023 के नियमानुसार Annexure के अनुसार करवाना होगा, जिस पर होने वाला व्यय संवेदक द्वारा वहन किया जाएगा, निगम द्वारा इस संबंध में कोई भी राशि देय नहीं होगी।

33. ई-टेन्डिरंग के लिए निविदादाता हेतु निर्देश:-

में दिलचस्पी लेने वाले निविदादाता निविदा प्रपन्नो इन . निविदाओं

http://eproc.rajasthan.gov.in से डाउनलोड कर सकते हैं

निविदाओं में भाग लेने वाले निविदाताओं का इन्टरनेट् साईट http://eproc.rajasthan.gov.in पर रिजरटर करपाना होगा। ऑन लाईन निविदा में भाग लेने के लिए डिजिटल सर्टीफिकेट इनफोनेरमेशन टेक्नोलोजी एक्ट 2000 के तहत प्राप्त करना होगा। जो इलेक्ट्रोनिक निविदा में साइन करने हेतु काम (a) आयेगा। निविदादाता उपरोक्त डिजिटल सार्फिकेट सी.सी.ए द्वारा स्वीकृति एजेन्सी से प्राप्त कर सकते हैं। जिन निविदादाताओं के पास पूर्व में वैध डिजिटल सार्फिकेट सी.सी.ए द्वारा स्वीकृति एजेन्सी से प्राप्त कर सकते है। जिन निविदादाताओं के पास पूर्व में वैद्य डिजिटल सर्टिफिकेट है. नया डिजिटल सर्टिफिकेट

निविदादाताओं को निविदा प्रपत्र इलेक्ट्रोनिक फार्मेट में उपरोक्त वेवसाईट पर डिजिटल सर्टीफिकेट साईन लेने की आवश्यकता नहीं है। के साथ प्रस्तुत करना होगा, जिसके प्रस्ताव डिजिटल साईन के साथ नहीं होंगे, उनके प्रस्ताव स्वीकार (स) नहीं किये जायेगे। कोई भी प्रस्ताव अकेले भौतिक फार्म में स्वीकार्य नहीं होगा।

ऑन लाईन निविदाए निर्धारण दिनांक एवं समय के अनुसार खोली जायेगी।

इलेक्ट्रोनिक निविदा प्रपत्रों को जमा कराने से पूर्व निविदादाताओं यह सुनिश्चित कर लेवे की प्रपत्रों से (괴)

सम्बन्धित सभी आवश्यक दरतावेज की रकेन कॉपी निविदा प्रपत्रों के साथ सलग्न कर दी गयी है। कोई भी टेन्डर ऑनलाईन जमा कराने में किसी कारण से लेट हो जाता है तो उसका जिम्मेवार विभाग (₹)

टेण्डर के प्रपत्रों में आवश्यक सभी सूचियों को सम्पूर्ण रूप से भरकर ऑन लाईन दर्ज करे।

ई-निविदा में सभी मांगे गये दस्तावेज को ई-निविदा पोर्टल पर अपलोड करना होगा। (ল) (व)

> (डॉ. टी श्भमंगला) LAS आयक्त नगर निगग, (दक्षिण) जोधपुर दिनांक :- २५ वि/ २०२५

क्रमाकः-एफ-15/कार्य/2024/RL-13994 के 13998 प्रतिलिपि:-

निर्देशक स्थानिय निकाय जयपुर।

उप- निर्देशक स्थानिय निकाय जोधपुरं।

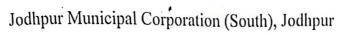
वरिष्ठ लेखाधिकारी,नगर निगम दक्षिण जोघपुर।

नोटिस बोर्ड नगर निगम दक्षिण जोधपुर।

आंसवाल डाटा प्रोरोरा नगर निगम जोधपुर, इस निविदा को निगम वेव साईट पर अपलोड करावे ।

RajKaj Ref 9097405 Document certified by T SHUBHAMANGALA <shubhamangala.samanvita@gmail.com>.

Digitally Signed by SHUBHAMANANBALA Commissioner नगर Designation . Youmnissione Date :19-07-2024 07:16:45





Name of work:-

Supply and stringing of phase wire in ward 1 to 37 in nagr nigam south jodhpur

	- n	202	2
pril	Dr-	202	J

DP-202	3		Schoolule	("C"	Schee	lule)		
	+	Schedule DA DELGHIA A DS			SCIOCO	iuic)		
CODE	n		PARTICULARS	OT	,	RAT	c I	AMOUNT
0	\perp			QT	Y.	KAT	<u> </u>	AMOUNT
68.24	Si	onduct Discom	ng and drawing of XLPE insulated LT Aerial bunched Aluminium or cable confirming to 1S 14255/1995 and 1S 398 (Pt-4)/ 1994 and as per Specs, on existing cross arms through I hook with all necessary T&P d including binding and twisting etc. complete in all respect as required. All					
	2	as per j	pre approved by Engineer in-charge. For additional technical parameters of					
1 60.2	_		ts/ work , refer Annexure "A" attached with this BSR . sq. mm. + 1X25 sq. mm. (insulated)	8000	Mtr	65	Each	520000
68.2	3	Supply made	y and fixing of following LT Supporting accessories with nut bolt & Clamps out as per standard Discom's specifications with two coats of Red oxide and oats of Aluminium paint etc. as required. All as per pre approved by Engineer arge. For additional technical parameters of product / work refer Annexure 'A'					
		attacl	ned with this BSR	500	Nos	472	Each	236000
\rightarrow	8.3.1 58.4	Supp Disc	ross ann 600 mm long with clamp oly and fixing of LT porcelain pin insulator as per IS 1445-1997 and as per om's standard specifications, suitable for working voltage 1100 volts including accessories like MS Forged GI LT Pin confirming to IS:7935/1975 (latest inded) Nut, Bolt etc. as required. All as per pre approved by Engineer in- rge. For additional technical parameters of product / work refer Annexure 'A'					
		atta	ched with this BSR	500	Nos	110	Each	55000
4	68.4.1 68.5	Sur Di all	Dimin x 70 mm pply and fixing of LT porcelain shackle insulator as per IS:1443 1979 and as per psecon's standard specifications, suitable for working voltage 1100 volts including accessories like GI Hardware fittings confirming to IS:7935/1975 (latest nended) Nut, Bolt etc. as required. All as per pre approved by Engineer in- large.For additional technical parameters of product / work refer Amnexure 'A'	500				
1		ch	tached with this BSR	150	Nos	112	Each	16800
5	. 57.	ii F	5mm x 90mm roviding & Fixing of 110/220 V, umbody LED Indicating lamp IEC 60947 with ntegral circuit, IP 65 above panel & IP 20 terminal block, Approx. body dia for ancel not less then 20 mm, length min. 50mm, front LED cover dia min. 29 mm, contact material phospher bronze for Led, PCB contacts shall be of brass (tin blated), impulse dielectric tested for 2.5 KV, Rated insulation resistance shall be 100 M ohm at 500VDC including connection etc. as required. All as per pre approved by Engineer in-charge. For additional technical parameters of products/				F. ch	2610
		_	work, refer Annexure "A" attached with this BSR. Red/yellow/Green colour	15	Nos	174.00 267.00	Each Each	1335
		_	Red/yellow/Green colour Blue / white Colour	5	Nos	267.00	Each	1333
6		7.7	Providing & Fixing of Cam operated rotary (Auto/manual) switches on existing panel with 2 way and off position using high grade engineering material to international standards with cam assembly insulation of glass filled polyamide with high tracking index. For reliable and stable electrical and mechanical endurance double butt contacts with silver bi-metal on copper should provided contact assembly is of operating temp range -25 degree C to 55 degree C, frequency upto 10 KHz. switch life under std. op. conditions shall be mechanically minimum 50000 operations @300 cycles/ hour and electrically 10,000 operations at 100% rated duty for 100 cycles/ hour including making connection etc. as required. All as per pre approved by Engineer in-charge. For additional technical parameters of products/ work, refer Amnexure "A" attached with this BSR.					4510
			products/ work, refer Annexure A attached with the	5	Nos	902.00	Each	4510
			63 AMP Providing & Fixing of mechanical / digital time switch having following day / weel programme and minimum 100 hours reserve and ACI rating of 16-20 amperes including making connection, programming conforming to IEC 60730-1 and 60730 2-7 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.)-	No	4,203.00	D Each	21015
-	57	.20.3	(dimital type)		1			
1	_	7.14	Providing & Fixing of AC operated heavy duly 250/440 Volt power per PWD specification for electrical Works, ISI marked IS/IEC 60947-4-1: 2000 having provision of mechanical interlocking, auxilary contacts, Din rail mounting type including making connections, testing etc. as required. All as per pre approve by Engineer in-charge. For additional technical parameters of products/ work, report of the products of th	ed				
	57	.14.2	4 pole Power contactors with following AC 1 Rating		N	os 4,1	46.00 Eac	h 20730

with a double does a trangement. From Door shall be fitted with transparent Glass to allow maintenance staff to visually access device status, meter teadings, indicating lamp status without opening the door. (c) Panels and enbicles shall be fabricated with CRCA Sheet Steel of thickness, same as as a per OEM Design. Sheet Steel having sybration free structure chemically treated with mine tank process before painting for surface treatment and powder coated, with suitable electroby tie grade high conductivity. Aluminium busbor extensible type, busbur supports. (C vot of Bus bear / Flexible wire for Interconnection between Main busbar and Switchpear is to be Paid Extra (d) Wring between compensus within switchpear and lineousing/ outgoing cable shall be done through the terminal block only. Direct connection shall not be permitted. Each terminal block shall be one price moulded, burier type, 650 volt grade, complete with washers, heads, studs with two must and identification strips and shall thave adequate continuous current rating. For trap-offs, adjacent terminals with shorting strips shall be used 10% Spare terminal blocks shall be provided. Write Sorphyling and fixing of Aluminium (Ic collets) Iso 239-12/1 (Cepper (IEC 60028)) but but by means of SNAC / DNAC (ypt insulator with standard short circuit withstand capacity, high tensile must and belts gring washers in existing panel including beat by means of SNAC / DNAC (ypt insulator with standard short circuit withstand capacity, high tensile must and belts gring washers in existing panel including beat more for from the strip and state and colour coding with heat shrinkable PVC sleeves. All as per pre approved by Engineer in-charge. For additional technical parameters of products' work, refer Ammeuter / CT certated animeter/ Frequency mater (KWH) meter / Multi Tunction Meter / Dweer analyzer of class I accuracy as per 15: 1236 of state of the st								1
S7.2 Supplying and fixing of Aluminium (EE Orbits Ind 2015) Supplying and fixing of Aluminium (EE Orbits Ind 2015) Supplying and fixing of Aluminium (EE Orbits Ind 2015) Supplying and fixing of Each Supplying and fixing apact		compartmentased culoid, (e), (D, (g), (h) as below. (a) Panel having short circuit withstand capacity of minimum of 50 kA for 1s (b) and having short circuit withstand capacity of minimum of 50 kA for 1s (b) 12kV for withstanding against transient Overvoltages, mechanical impact level 1k10 level and internal are for 50 kA for 0.3 second with aluminum busbar and type tested at an Independent Laboratory. Type test certifacte has to be submitted and internal are for 50 kA for 0.3 second with aluminum busbar and type tested at an Independent Laboratory. Type test certifacte has to be submitted at lating of LV Switchgear to be used in Panel. (b) All four Horizontal Busbars shall be in same compartment. Certified design switchboxards shall be proven design from OEM (Switchgear Manufacturer). Commerchands should be mentioned on top of each column of switchboard. Also, OEM Partnership Certificate shall be furnished by Panel bjulder. Panel shall be fall with a double door arrangement. Front Door shall be fitted with transparent G to allow maintenance staff to visually access device status, meter readings, indicating lamp status without opening the door. (c) Panels and cubicles shall be fabricated with CRCA Sheet Steel of thicknessame as as per OEM Design. Sheet Steel having vibration free structure chen treated with nine tank process before painting for surface treatment and power coated, with suitable electrolytic grade high conductivity Aluminium busbar extensible type, busbar supports, (Cost of Bus bar / Flexible wire for Interconnection between Main busbar and Switchgear is to be Paid Extra (G. Wiring between components within switchgear and Incoming / outgoing calbe done through the terminal block only. Direct connection shall not be pen Each terminal block shall be one piece moulded, barrier type, 650 volt grad complete with washers, heads, studs with two nuts and dentification strips and the process before the piece moulded, barrier type, 650 volt grad complete with washers, heads, studs with two nuts and dent	of fully ted a of EM ficated flass 7.5 ss, nically der flore shall mitted. e, and als with	• sq	min	10,111.00	Each	75832.5
57.2.1 Electrolytic grade Aluminium bus bar 6010 grade 11 57.3 Providing & Fixing of IS: 13875 & IEC :61326 confirming LED Digital type (up to 500) V range Volt meter / Direct- Ammeter / CT oertated ammeter/ Frequency meter / KWH meter / Multi Function Meter / Power analyzer of class 1 accuracy as per IS: 1248 of size 96mm x 96 mm including making connection by PVC insulated copper conductor with PVC sleeves / channel 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. 57.3.3 Three phase Ammeter with Inbuilt Selector Switch 57.3.4 Three phase Voltmeter with Inbuilt Selector Switch 5 Nos 1,731.00 Each 8655 57.3.5 Pipe Earthing as per IS:3043- 1987 with 3.0 Mtr. Long, 40 mm dia. 'B' class G.I. Pipe IS: 1239 (Part-1) 2004, Equivalent to BS: 1387 with perforated holes of 12 mm dia ,including all accessories like nut, bolts, reducer, nipple, wire meshed funnel, and Heavy duty weather proof poly-propylene earth pit chamber with lockable Jam free lid suitable for safe working load 5000 Kg or more of size Top Dia. 225 to 260 mm, Bottom Dia 300 to 350 mm. and Height 250 to 300 mm. and embodying the pipe complete with alternate layers salt and coke/ charcoal, testing of earth resistance for value of 5 olms or less as required & must record by engineer in-charge during site visit and ensure to enter in measurment book.All as per pre approved by Engineer in-charge. For additional technical parameters of products/ work , refer Annexure "A" attached with this BSR .	10	57.2 Supplying and fromg of Aluminium (IEC 6010 Iso 20-12)? (e912) (c) (60028) bus bar by means of SMC / DMC type insulator with standard show withstand capacity, high tensile nuts and bolts spring washers in existing princluding bending, cutting in required shape and size and colour coding washrinkable PVC sleeves. All as per pre approved by Engineer in-charge. Fadditional technical parameters of products/ work, refer Annexure "A" attractions.	rt circuit banel ith heat or					2780
Providing & Fixing of IS: 13875 & IEC. 26132 Configuring LED Digital Type (a) 500) V range Volt meter / Direct- Ammeter / CT oertated ammeter/ Frequency meter / KWH meter / Multi Function Meter / Power analyzer of class 1 accuracy as per IS: 1248 of size 96mm x 96 mm including making connection by PVC insulated copper conductor with PVC sleeves / channel 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. 57.3.3 Three phase Animeter with Inbuilt Selector Switch 5 Nos 1,731.00 Each 8655 57.3.4 Three phase Voltmeter with Inbuilt Selector Switch Pipe Earthing as per IS:3043- 1987 with 3.0 Mtr. Long, 40 mm dia. "B' class G.I. Pipe IS: 1239 (Part-1) 2004, Equivalent to BS: 1387 with perforated holes of 12 mm dia including all accessories like nut, bolts, reducer, nipple, wire meshed funnel, and Heavy duty weather proof poly-propylene earth pit chamber with lockable Jam free lid suitable for safe working load 5000 Kg or more of size Top Dia. 225 to 260 mm, Bottom Dia 300 to 350 mm, and Height 250 to 300 mm, and embodying the pipe complete with alternate layers salt and coke/ charcoal, testing of earth resistance for value of 5 olums or less as required & must record by engineer in-charge during site visit and ensure to enter in measument book. All as per pre approved by Engineer in-charge. For additional technical parameters of products/ work , refer Annexure "A" attached with this BSR.				5	Nos	556.00	Each	2780
57.3.3 Three phase Ammeter with Inbuilt Selector Switch 57.3.4 Three phase Voltmeter with Inbuilt Selector Switch 57.3.4 Three phase Voltmeter with Inbuilt Selector Switch 5 Nos 1,731.00 Each 8653 12 63.1 Pipe Earthing as per 18:3043- 1987 with 3.0 Mtr. Long, 40 mm dia. 'B' class G.I. Pipe 18: 1239 (Part-1) 2004, Equivalent to BS: 1387 with perforated holes of 12 mm dia ,including all accessories like nut, bolts, reducer, nipple, wire meshed funnel, and Heavy duty weather proof poly-propylene earth pit chamber with lockable Jam free lid suitable for safe working load 5000 Kg or more of size Top Dia. 225 to 260 mm, Bottom Dia 300 to 350 mm. and Height 250 to 300 mm. and embodying the pipe complete with alternate layers salt and coke/ charcoal, testing of earth resistance for value of 5 oluns or less as required & must record by engineer in-charge during site visit and ensure to enter in measument book. All as per pre approved by Engineer in-charge. For additional technical parameters of products/ work , refer Annexure "A" attached with this BSR.	11	500) V range Volt meter / Direct-Ammeter / CT oertated ammeter / Frequenter / KWH meter / Multi Function Meter / Power analyzer of class 1 a per 1S: 1248 of size 96mm x 96 mm including making connection by PV insulated copper conductor with PVC sleeves / channel etc. as required. pre approved by Engineer in-charge. For additional technical parameters products / work _refer Amexure "A" attached with this BSR.	ceuracy as C All as per		No	1731 00	East	2655
57.3.4 Three phase Volumeter with mount setector switch 12 63.1 Pipe Earthing as per IS:3043-1987 with 3.0 Mtr. Long, 40 mm dia. 'B' class G.I. Pipe IS: 1239 (Part-1) 2004, Equivalent to BS: 1387 with perforated holes of 12 mm dia ,including all accessories like nut, bolts, reducer, nipple, wire meshed funnel, and Heavy duty weather proof poly-propylene earth pit chamber with lockable Jam free lid suitable for safe working load 5000 Kg or more of size Top Dia. 225 to 260 mm, Bottom Dia 300 to 350 mm. and Height 250 to 300 mm. and embodying the pipe complete with alternate layers salt and coke/ charcoal, testing of earth resistance for value of 5 ohms or less as required & must record by engineer in-charge during site visit and ensure to enter in measument book. All as per pre approved by Engineer in-charge. For additional technical parameters of products/ work , refer Annexure "A" attached with this BSR.		57.3.3 Three phase Ammeter with Inbuilt Selector Switch			_			8655
	12	Pipe Earthing as per IS:3043-1987 with 3.0 Mtr. Long, 40 mm dia. 'B Pipe IS: 1239 (Part-1) 2004, Equivalent to BS: 1387 with perforated humm dia including all accessories like nut, bolts, reducer, nipple, wire n funnel, and Heavy duty weather proof poly-propylene earth pit chambe lockable Jam free lid suitable for safe working load 5000 Kg or more of Dia. 225 to 260 mm, Bottom Dia 300 to 350 mm, and Height 250 to 30 embodying the pipe complete with alternate layers salt and coke/chard of earth resistance for value of 5 ohms or less as required & must recover of the complete with alternate layers and the suitable of the conference of t	neshed r with of size Top 00 mm. and coal, testing rd by book.All as					18670
TOTAL C. Schedule		TOTAL G Schedule						992592.50
Say 9925		Say			cky.	,		992592.50

I agree to do above "G" Schedule work @ above/below on RUIDP 2023 electric with JMC terms and conditions..

Signature of Contractor

Enter

Jodhpur Municipal Corporation (South), Jodhpur



Name of work:-RUIDP-2023

Supply and fixing of Pole,Led light and phase wire at ward 22 in nagr nigam south jodhpur

K	71171 -2.1121	Schedule					•	
Sn.	CODE	PARTICULARS .		("(i" Schedu	le)	T	
_	0						-	_
1	68.1	Supply and erection of P.C.C. pole as per RFC manual no 15/1979 (ammer upto date) and as per latest Discom specifications of the		Q	TY.	RATE	AMOU	
		upto date) and as per latest Discom specifications with factor of safety 2.5 including excavation of pit upto pole algorithms with factor of safety 2.5.	ided				AMOU	11
1		including excavation of pit upto pole planting depth 1/6th of pole length, and soil but stone appregate/houlders and soil but and pole length, and	d book		1 1			
		filling with stone appregate/houlders and soil by ramming and watering etc complete as required. All as per me appropriate for a first property of the propert	o back		1 1			
		complete as required. All as per pre approved by Engineer in-charge. For additional parameters of product / work refer Approved by	litional		1 1			
		A matached with this	BSR		1 1	1		
2	68.1.2	9.0 Mir long PCC pole of 200 Kg W. Line	- 1					
-	68.3	property and fixing of following 1.7 c.	-	10	Nos	5163	Ench 51630	
		made out as per standard Discom's specifications with two coats of Aluminium paint etc. as compared with two coats of Aluminium paint etc. as compared by	lamps le and					
		two coats of Aluminium paint etc. as required. All as per pre approve Engineer in-charge. For additional technical	ed by					
		Annexure 'A' attached with this Dep	refer	- 1		- 1	1	- 1
3	68.3.1	LT cross arm 600 mm long with clause						
,	68.4	Supply and fixing of LT porcelain pin in the Lt.	s per	10	Nos .	172 E	nch 4720	
					- 1	- 1		- 1
				- 1		1		- [
		amended) Nut, Bolt etc. as required. All as per pre approved by Engineer charge. For additional technical parameters of product / work refer Annexure	in-			- 1	1	-
-	68.4.1	The state of the s	: 1					1
4	68.5	Supply and fixing of LT percelain should be		4 N	los I	10 Enc	ch 1540	\dashv
		Supply and fixing of LT porcelain shackle insulator as per IS:1443-1979 and per Discom's standard specifications, suitable for working voltage 1100 volumes at 1100 volumes.	las					7
		including all accessories like GI Hardware fittings confirming to 19.7025/16	176				1	
		(tatest amended) Nut, Bolt etc. as required. All as per pre approved by Engineer	- 1	1				1
		charge.For additional technical parameters of product / work refer Annexure attached with this BSR	'A'				1	1
	68.5.1	75mm x 90mm	6	- No	os 112	Fred	(2)	4
5	67.12	Providing & Fixing of IK08, IP 66 protected LED Street Light Luminaire	on	140	78 112	2 Each	672	1
		existing bracket/pole. Fixture made of powder coated single piece pressure d	lie					1
		enst aluminum material with heat dissipation fins on housing with UV stabilize PC (UV stablization report submitted for UV cover) /Toughened Glass cover ar	ed		1			
		secondary lens on each LED & should be SMD type of 3 to 5 watt each. The	ie					
		System efficacy >= 125 lm/ wt and potted driver & has a unique BIS R number	·r		N.		1	
		with Input Voltage AC 120 to 270 V AC with High voltage Cutoff @>=300 V At and Auto resetting Safety , Power Factor ≥0.95 driver Efficiency ≥85% ,THD(t	C					
		<10% Humidity 10% to 90% RH Working Temp -5C to 45C, driver curren	11					
		<750mA. The luminaire shall be BIS certified and Trade mark certified Life						
		Expectancy Equal or more than 50000 burning hrs with Minimum 70% lumer maintened, CRI >70 and CCT 5700K +355K. Surge protection shall be min ≥ 4	n l					
		KV internal and min 10 KV external inside driver compartment, driver should be	'		1			
		Phase to phase protection of 440 V for 4 Hrs. Manufactures Word Mark/Name						
1 1		Engraved/Embossing on die east 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/	:					
1 1	- 1	report with liable warranty of product/accessories from OEM shall be submitted					1	
		All as per pre approved by Engineer in-charge. For additional technical parameters						
\vdash		of products/ work , refer Annexure "A" attached with this BSR .						
-	67.12.5	LED Street Light fixture with Minimum lumen output 8700 lm	50	Nos	5,993.00	D Each	299650	
6	67.18	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					0	
	d	luty pole clamp, Saddles suitable fastners etc. as required. All as per pre approved		1				
	b	y Engineer in-charge. For additional technical parameters of products/ work,		1				
-		ffer Annexure "A" attached with this BSR . 2 mm Dia.		_				
7	68.24		50	Mtr	761	Each	38050	
	Si	applying and drawing of XLPE insulated LT Aerial bunched Aluminium					0	
	CO	inductor cable confirming to 1S 14255/1995 and IS 398 (Pt-4)/ 1994 and as per secont Spees, on existing cross arms through I hook with all necessary T&P						
	red	pured including binding and twisting etc. complete in all respect as required. All						
	as	per pre approved by Engineer in-charge. For additional technical parameters of						
_ _	pro	ducts/ work, refer Annexure "A" attached with this BSR.						
	8.24.2 1 X	(25 sq. mm. + 1X25 sq. mm. (insulated)	400	Mtr	65	Each	26000	
٩	53.1 Suj	plying and drawing FR PVC insulated & unsheafaed flexible copper conductor per PWD specification for electrical Works with ISI marked (IS:694) and as per						
	115 8	130 : 2013 of 1.1 kV grade. Wire should be made from 99 00 % purity.						
	cop	per, class 5 stranding in acc. to IS:8130/IEC 60228 for lower watt love						
	oxy	gen free for less chances of oxidization, insulation PVC type A/C/D flame.						
	retar	dant as per IS 10810-53, better amperage rating as per IS 3061 part \$:						
1	CXISI	ing surface or recessed PVC/MS conduit/ensing capping making connections						
1	with					1 1		1
	have	Copper Lugs of suitable size, Ferrules, testing etc. us required. OEM Must its own in house NABL hab setup for all tessing facilities for whose NABL hab setup for all tessing facilities for whose NABL hab setup for all tessing facilities for whose NABL hab setup for all tessing facilities for whose setup for the setup for						
	have addit	its own in house NABL lab setup for all testing facilities for wires. For ional technical parameters of product / work refer Annexnre 'A' attached with						
£2	have addit	its own in house NABL lab setup for all testing facilities for wires. For ional technical parameters of product / work refer Annexure 'A' attached with ISR.						
53.	have addituding this B	its own in house NABL lab setup for all testing facilities for wires. For ional technical parameters of product / work refer Annexnre 'A' attached with	200	Mtr	44	Each	8800	

Scanned with Camsca

9]	60.2 P	oviding & Laying P.V.C. / XLPE insulated & P.V.C. sheathed Armnoured						1
	l A	luminium cable confirming to IS:1554 P-1 / IS:7098 P-1 of 1.1 KY with 111		1		- I		
	10	and a electrolytic aluminium conductor confirming to 15 8130 of purity - 77.0 76.		1			1	
- 1	۱,	and / flat strip appouring of cables. Inner / outer sheath continuing to 13.3830 in		1				
- 1	ا	victing RCC / Hume / Stoneware / PVC pipe/ open duct/cable trench / Cable						
	1,	ray(with cable tie) including testing etc. as required of following size. OEM must						
1	li	nave it's own in house NABL accrediated Laboratory for testing procedure as per						
1	1	S:10810.For additional technical parameters of product / work refer Annexure 'A'		P	1	- 1	1	
		attached with this BSR					1	
-	_	10.0 Sq. mm						
\vdash			600	Mtr	197	Eac	h 118200	
		4 core S&F following sizes (dia.) of ISI marked virgin material MMS (15:9537 P - III)		1	-		-	_
10	50.4	PVC conduit along with 1S1 marked (1S:3419-1988) accessories as required in			1		1	
		recess including cutting the wall, covering conduit and making good the same as			1		1	
		required. For additional technical parameters of product / work refer Annexure 'A'			1	- 1		
		attached with this BSR						
	50.4.4	40 mm	500	Mtr	118	Each	59000	_
-			300	IVIT	110	Eaci	3,000	
11	67.1	Supply and erection of Galvanized Iron pole with galvanizing done in single						
		dipping (Average coating thickness Minimum 65 Microns) continuously tapered						
	1	poles having Octagonal / Circular cross-sections designed to withstand the					1	
		maximum wind speed as per IS 875, The pole shaft shall be made from sheet steel				- 1		
	1	(HT Steel Conforming to grade S355JO) and confirming to BSEN 10025 and shall						
	1	be continuously tapered with single longitudinal welding. There shall not be any						
	1	circumferential welding. The welding of pole shaft shall be done by Submerged		1			1	
		Arc Welding (SAW) process, pole shafts shall be provided with the rigid flange					l	
	1	plate of suitable thickness (Fe 410 conforming to IS 226 / IS 2062) with provision for fixing 4 no. foundation bolts, This base plate shall be fillet welded to the pole		1				
		shaft at two locations i.e. from inside and outside. The octagonal Poles shall have						- 1
		lockable door of approximate 500 mm length at the elevation of 500 mm from the						- 1
		Base plate with bakelite sheet having 6A SP MCB and 16 squam stud type						- 1
		connector (4 nos) inside the pole at door opening for cable connection of						- [
1		following length and dimension as per table P-01 with base plate and foundation				1 1		-
		bolt on the Existing cement concrete foundation. All as per pre approved by				1 1		- 1
	1	Engineer in-charge. For additional technical parameters of products/ work, refer						1
	1	Annexure "A" attached with this BSR.				1 1		1
	67.1.	Poles with Octagonal Cross Section				+		-
	67.1.1	N DAGE	50	Nos	8,001.00	Each	400050	1
	12 67.8							1
- 1		High mast Poles as per Drawing attach at Table P-4 with Following Procedure &				1 1		
	1	All as per pre approved by Engineer in-charge. For additional technical parameters				1 1		
		of products/ work, refer Annexure "A" attached with this BSR. A) Excavation of Pit for Foundation Size upto required depth from Ground level				1 1		1
		B) Dressing of Pit and Dry stone pitching 200 mm thick including supply of stones				1 1		
		and preparing surface complete.				1 1		
	- 1	C) Providing and laying in position cement concrete of M-10 grade of 75 mm				1 1		1
- 1		thickness				1 1		l
		D) Reinforcement for R.C.C. work with TMT bars including straightening,						l
	- 1	cutting, bending, placing in position and binding all complete.				1 1		ĺ
		E) Centring and shuttering including strutting, propping etc. and removal of form work for Footing and Pedestal						
		F) Providing & Fixing of 2 no. Required Size PLB HDPE Pipe & Foundation Bolt				27		
		with template as per OEM Recommendations.						
		G) Providing and Laying Reinforce cement Concrete of M-25 grade in Footing					1	
		and Pedestal including Curing the foundation for 7 days.					5	
		H) Providing and Fixing Nosing Angle 40 mm x 40 mm x 6mm with 2 no. 100 mm						1
		long, 10 mm dia. Lugs on each face.						l
								l
_	67.8.		50	Nos	5973	Each	298650	
	13 48.1	Providing & Fixing of ISO certified company made IK10 IP65 protected Top/Bottom mounted LED Post top Light system. Fixture made of powder coated				1 1		
		die cast alluminium housing with UV stabalized PC diffuser. The System level						1
		Luminous efficacy ≥ 90 Lumen/W. SMD LEDs is to be used, System CRI>70,				1 1		1
	1	CCT: 3000/4000/6500 K. The integral electronic driver must be potted & has a				1 1		1
		unique BIS R number must be potted & has a unique BIS R number constant						1
		current and Internal/external surge protection device of min. 4KV(L-N) and				1 1		1
		efficiency > 85%, PF>0.9, THD<20% and input Voltage range of 90-270V AC at				1 1		1
		50Hz. System life of 30000 Burning hours with 70% of Initial Lumens maintained				1 1		1
		Light output in Cool white or Warm White Colour as per engineers choice, driver				1 1		1
		current <1000mA shown in LM79 report. Fixture must be in compliance with BIS				1 1		
		Standards and T.C. Certificate complete in all respect.OEM Must have its own in						1
	1	house NABL lab setup for all testing facilities for LED fixtures. (LM79/LM80)						
	1	Certificate/ report with liable warranty of product/accessories from OEM. All as		"	i i	1 1		
L		per pre approved by Engineer in-charge.						
	48.12.1		50	Nos	6151	Each	307550	
		TOTAL G Schedule					1624112,00	\Box
	L	Say		14	,		16.24L	\Box
		_	0111	(~	•			



Jodhpur Municipal Corporation (South), Jodhpur Supply and fixing LED and SHM in ward 20 in nagar nigam south Jodhpur.

work:-RUIDP-2023

/	Ke	STATE OF THE PARTY		0	Jan J	ounpur.			
	S.no.	CODE no	Schedule						
	1	67.1	Supply and erection of Galvanized Iron pole with galvanizing done in sit poles having Octagonal / City			/II co			
			dipping (Average as a divanized from pole with a divanized from the divanization from the divaniz		QTY.	("G"	Schedu	le)	_
		1	poles having Octagonal (Sie Minimum 65 Migrore)	ngle		RA	TE	AMOUN	Г
		١.	maximum wind speed	ered	- 1				_
			(HT Steel Conforming of 15 8/5, The pole shaft shall)	the				1	
		1	maximum wind speed as per IS 875, The pole shaft shall be made from sheet st (HT Steel Conforming to grade \$355JO) and confirming to BSEN 10035 be continuously tapered with	teel	- 1	1	- 1	1	
			(HT Steel Conforming to grade \$355JO) and confirming to BSEN 10025 and sleet subscriptions to grade \$355JO) and confirming to BSEN 10025 and sleet subscriptions.	hall	- 1	ı			
			be continuously tapered with single longitudinal welding. There shall not be a creamferential welding. The welding of pole shaft shall be done by F. I. Are Welding (SAW) process.	any	- 1	1	- 1		
	1	1	circumferential welding. The welding of pole shaft shall be done by Submerg plate of suitable thickness (Fe 410 conforming to IS 226 / IS 2062).	ed	- 1	1		1	
	1		plate of suitable thickness (Fe 410 conforming to IS 226 / IS 2062) with provision shaft at two locations in Feb. This base plate shall be filled with the rigid flam shaft at two locations in Feb. 18 2062.	ige	- 1	1	- 1	1	
	1		shaft at the 10. foundation bolts, This base plate of the 11.	ion	- 1		- 1		
			for fixing 4 no. foundation bolts, This base plate shall be filled welded to the positions are lockable door of approximate 500 mm length at the octagonal Poles shall be filled with proximate 500 mm length at the elevation of 500 mm length at t	ole		1	- 1	1	
			Base plate of approximate 500 mm length at the state of agonal Poles shall ha	ve	- 1		- 1		
	1		lockable door of approximate 500 mm length at the clevation of 500 mm length at the clevation of 500 mm from the connector (4 nos) inside the pole at door opening for cable are the following length and the second to the pole at door opening for cable are at the pole at door opening for cable are at the pole at door opening for cable are at the pole at door opening for cable are at the pole at door opening for cable are at the pole at door opening for cable are at the pole at door opening for cable are at the pole at door opening for cable are at the pole at door opening for cable are at the pole at door opening for cable are at the pole at door opening for cable are at the pole at the pole at door opening for cable are at the pole at the po	he	- 1		- 1		
			following 1 (4 nos) inside the pole at door opening 5	pe		1		1	
					- 1		1		
							- 1	1	
				ру	- 1	1			
			Annexure "A" attached with this BSR	er	- 1	1	1		
		67.1.1	Poles with Octagonal Cross Section			1	1	1	
		67.1.6	8 Mtr.	_					
	2	67.8		+-	-				
				2	Nos	15,520.00	Each	31040	\neg
			Providing and Laying RCC Foundation for Octagonal / Conical Street Light poles,		1				
			High mast Poles as per Drawing attach at Table P4 with Following Procedure & All as per pre approved by Engineer inchange. For All 2.		- -		1	1	- 1
			All as per pre approved by Engineer:	1			1		- 1
			of products/ work refer Appearer "A" and additional technical parameters	1			1		- 1
		l	A) Excavation of Pit for Foundation Si-						-
			B) Dressing of Pit and Dry stone pitching 200		1				-
			and preparing surface complete				1		-
			C) Providing and laying in position cement concrete of M-10 grade of 75 mm thickness				1	1	-
			thickness thickness		1			1	1
	1		D) Reinforcement for R.C.C. work with TMT bars including straightening, cutting, bending, placing in position and binding all complete.		1				-
									1
	1		E) Centring and shuttering including strutting propries at				1		1
					1 1		1		1
			F) Providing & Fixing of 2 no. Required Size PLB HDPE Pipe & Foundation Bolt						1
			The template as per OLIVI Recommendations						1
			G) Providing and Laying Reinforce cement Concrete of M-25 grade in Footing and				1 1		1
			1 days		1 1				1
			H) Providing and Fixing Nosing Angle 40 mm x 40 mm x 6mm with 2 no. 100 mm long, 10 mm dia. Lugs on each face.		1 1				
		67.8.2	Pole Foundation for Octagonal pole from 7 Mtr. To 9 Mtr.						
	3	67.2	or a stage and pole from 7 Mill. 10 9 Mill.	2	Nos	8,142.00	Each	16284	\forall
			Supply and Fixing of Pole OEM fabricated hot dipped galvanised M.S. Overhang						1
			(48.3 X 3.25 mm) with cap (400 x 88.9 / 114.3 x 3.25 mm) over the existing poles.						1
			I'm as per pre approved by Engineer in-charge. For additional technical assessment		1 1		1 1		
			of products/ work , refer Annexure "A" attached with this BSR		1 1				
		67.2.2	Double arm overhang	4	Mtr	2 207 00			
	4	67.11	Providing & Fixing of IK08 IP-66 protected high power LED flood light system		IVIU	3,397.00	RM	13588]
- 1			with single piece Pressure diecast aluminium housing touchened glass difficulty		1 1	7			
- 1			with suitable lenses on LED to achieve various beam angles, of high power LED -		1 1				
- 1	- 1	- 1	3 to 3 Watt each. Integrated potted driver as a unique BIS R number having						
1	- 1	- 1	efficiency more than 85 % and in compliance to BIS certified and Trade most						
-	- 1	- 1	certificate. The System level Luminaire efficacy >=125 lm/ wt 1 FD driver Input		1 1				1
1	- 1	- 1	voltage AC 120 to 270 V AC with High voltage Cutoff @>=300 V AC and Auto						
1	- 1	11	resetting Safety .Power Factor >0.95 , THD(I) <10% driver current <=750mA						1
1	- 1	Ic	friver should be Phase to phase protection of 440 V for 4 Hrs. Electrical		1 1				1
		10	Connector, Surge Protection Min >=4KV internal and 10KV external but incide						
		Ia	river compartment, System life of 50000 Burning hours with 70% of Initial						1
	- 1	IL.	Junens maintained, CRI>70 and CCT 5700K ±355K. Manufactures Word						1
		N	Mark/Name Engraved/Embossing/Screen printing on die cast housing to allow						
1		ltr.	aceability/authenticity. Fixture shall be IS 10322 Complianced OFM Must have						
	- 1	Itt	s own in house NABL lab setup for all testing facilities for LFD fixtures						
1	- 1	l(L	.M79/LM80) Certificate/ report with liable warranty of product/accessories from						
ı		0	EM shall be submitted. All as per pre approved by Engineer in-charge. For						
		140	Iditional technical parameters of products/ work, refer Annexure "A" attached ith this BSR.			1			
	6	57.11.6 Hi	gh Power LED Flood Light Minimum lumen output 14800 lm						
_			Trood Eight Frimmum tunien output 14800 III.	X	Nos	9 094 00	Ench	77757	

			$\overline{}$				
		Providing & Fixing of IK08, IP 66 protected LED Street Light Luminaire on existing bracket/pole. Fixing made of powder coated single piece pressure die cas the protection bracket/pole. Fixing made of powder coated single piece pressure die cas on housing with UV stabilized PC Lixings protection.					
		Providing & Fixing of IK08, IP 66 protected LED Street Light Luminaire on existing bracket/pole. Fixing made of powder coated single piece pressure die case abuning with UV stabilized PC abuning material with heat dissipation fins on housing with UV stabilized PC appropriate the provided Glass cover and t	it			- 1	
\Box	67.12	Providing & Fixing of IK08, IP 66 protected LtD existing bracket/pole. Fixing made of powder coated single piece pressure administration for the state of the providing with UV stabilized PC existing bracket/pole. Fixing made in son housing with UV stabilized PC administration material with heat dissipation for UV cover 1/Toughened Glass cover and administration report submitted for UV cover 1/Toughened Glass cover and the stabilization report submitted for UV cover 1/Toughened Glass cover and the providing the stabilization report submitted for UV cover 1/Toughened Glass cover and the providing th		1	1	- 1	
	0	existing bracket/pole. Fixture made of powder Consisting with UV shooting existing bracket/pole. Fixture made of powder consisting with UV shooting aluminum material with heat dissipation fins on housing with US along a large and aluminum material with heat dissipation (UV cover) / Toughened Glass cover and aluminum materials of the shooting of the	1	1		- 1	
		existing bracket pole. The	1		1	- 1	
- 1		aluminum material with ficulty for UV cover 1/100 3 to 5 watt each. The	1	1		- 1	
- 1		existing pracket place. The administration link of the properties of the distribution report submitted for UV cover.) / Toughened Glass Cobe. (UV stabhzation report submitted for UV cover.) / Toughened Glass Cobe. The (UV stabhzation report submitted for UV cover.) / Toughened Glass Cobe. Secondary lens on each LED & should be SMD type of 3 to 5 wattech. The cook secondary lens on each LED & should be SMD type of 3 to 5 wattech lens the light voltage Cutoff @>=300 V AC with High voltage Cutoff @>=300 V AC with High voltage Cutoff @>=85%, THD(I) Secondary lens on each LED & to 270 V AC with High voltage Cutoff @>=85%, THD(I) Secondary lens on each LED & to 270 V AC with High voltage Cutoff @>=300 V AC	.	1		- 1	
		secondary lens on each LED & sant potted driver & has a many cutoff @>=300 V AC				- 1	
- 1		System efficacy >=125 lm/ wt and place with High vollage Can >85%, THD(I)					
- 1		Land Auto resetting Safety, Power Factor Temp -5C to 45C, direct Life		1			
		secondary lens on each way and potted driver. System efficacy >>125 lm/ wt and potted driver. System efficacy >>125 lm/ wt and potted driver. System efficacy >>85%, THD(I) with Input Voltage AC 120 to 270 V AC with High voltage Cutoff (###) and Auto resetting Safety , Power Factor >0.95 driver Efficiency >85%, THD(I) and Auto resetting Safety , Power Factor >0.95 driver Efficiency >85% , THD(I) and Auto resetting Safety , Power Factor >0.95 driver Efficiency >85% , THD(I) and Auto resetting Safety , Power Factor Solver and Trade mark certified. Life >750mA. The huminaire shall be BIS certified and Trade mark certified. Life >750mA. The huminaire shall be BIS certified and Trade mark certified. Surger projection shall be min ≥ 4.		1			
- 1		70% Humany 11% Summaire shall be BIS certified with Minimum 70% tunes 4		1	1	- 1	1
- 1	1		1		1		1
- 1		HARCETANCY Experience 200K 4 335K. Since 1	i				
- 1			1		1		
- 1		IK V michigli and him					
- 1		Phase to phase prove thousing to allow the				1	
		Hingraved Ellionario				- 1	1
- 1		Ishall be As I be submitted.	1	1			
- 1		lab setup for all testing facilities to Education of Section OEM shall be submitted to the large of the large		1			
- 1					T 003	00 Each	299650
- 1			50	Nos	5,993.	DO Lac.	
- 1		All as per pre approved by Engineer in-charge. For non-charge approved by Engineer in-charge. All as per pre approved by Engineer in-charge. For non-charge approved by Engineer in-charge. All as per pre approved by Engineer in-charge. For non-charge in-charge. All as per pre approved by Engineer in-charge. For non-charge in-charge. All as per pre approved by Engineer in-charge. For non-charge. All as per pre approved by Engineer in-charge. For non-charge. All as per pre approved by Engineer in-charge. For non-charge. All as per pre approved by Engineer in-charge. For non-charge. All as per pre approved by Engineer in-charge. For non-charge. All as per pre approved by Engineer in-charge. All as per pre approved by Engineer in-charg	- 38			- 1	
\rightarrow		LED Street Light fixture with Minimum functional from following size of B					1
_	67,12.5	of products/ work, refer Affices. LED Street Light fixture with Minimum lumen output 8700 lin Providing & Fixing of Street light bracket made out from following size of 'B' Providing & Fixing of Street light bracket made out from following size of 'B' Providing & Fixing of Street light bracket made out from following size of 'B' Providing & Fixing of Street light bracket made out from following size of products, work as the large Street light bracket made out from following size of products/ work as the large of prod	l	1 1			1
5	67.18	Providing & Fixing of Street inglated parameters of products/ work , Medium class G.I. Pipe confirming to IS: 1239 P - 1 (2004) With India Street and John Street inglated parameters of products/ work , including For additional technical parameters of products/ work ,		1 1			
- 1		class, Medium class Off. Tipe duty pole clamp, Saddles suitable fastners etc. as required. All as per products/ work, by Engineer in-charge. For additional technical parameters of products/ work, by Engineer in-charge. The additional technical parameters of products/ work, by Engineer in-charge.					
- 1		duty pole clamp, Saddees For additional technical parameters of productional paramete		\bot	76	1 Each	38050
		by Engineer in-charge. For admit- refer Annexure "A" attached with this BSR .	50	Mtr		- Little	
		refer Annexure A attached					
	67.18.3	32 mm Dia. Providing & Laying P.V.C. / XLPE insulated & P.V.C. sheathed Armoured Providing & Laying P.V.C. / Sheathed Armoured Providing & Laying P.V.C. / Sheathed Armoured Providing & Laying P.V.C. / Sheathed Armoured		1 1			1
7	60.2	Providing & Laying P.V.C. / XLPE insulated & P.V.C. sheathed Artimonetes Providing & Laying P.V.C. / XLPE insulated & P.V.C. sheathed Artimonetes Providing & Laying P.V.C. / XLPE insulated & P.V.C. sheathed Artimonetes P.V.C. sheathed		1 1		1	
٠				1 1			
- 1			1	1 1			
		Laticable trench / Cable					
		Lawieting RCC / Hilling / Stolle visit				1	
		Item/(with cable (ie) including testing to the fortesting procedure as per		1 1		1	
		tray(with cable tie) including testing etc. as required of following asset tray(with cable tie) including testing etc. as required of following asset have it's own in house NABL accrediated Laboratory for testing procedure as per have it's own in house NABL accrediated Laboratory for testing procedure as per have it's own in house NABL accrediated Laboratory for testing procedure as per have it's own in house NABL accrediated Laboratory for testing procedure as per have it's own in house NABL accrediated Laboratory for testing procedure as per have it's own in house NABL accrediated Laboratory for testing procedure as per have it's own in house NABL accrediated Laboratory for testing procedure as per have it's own in house NABL accrediated Laboratory for testing procedure as per have it's own in house NABL accrediated Laboratory for testing procedure as per have it's own in house NABL accrediated Laboratory for testing procedure as per have it's own in house NABL accrediated Laboratory for testing procedure as per have it's own in house NABL accrediated Laboratory for testing procedure as per have it's own in house NABL accrediated Laboratory for testing procedure as per have it's own in house NABL accrediated to the house of the hou		1 1			
		have it's own in house NABL accrediated Laboratory for testing product have it's own in house NABL accrediated Laboratory for testing product / work refer Annexure 'A' IS:10810.For additional technical parameters of product / work refer Annexure 'A'		-			
		attached with this BSR		1	197	Each	11820
	60.2.3	10.0 Sq. mm	60	Mtr	177		
_	60.2.3.3	4 core		Mtr	131	Each	7860
_	60.2.2	6.0 Sq. mm	60	MIII			
\neg	60.2.2.1	2 core Supplying and drawing FR PVC insulated & unsheathed flexible copper conductor Supplying and drawing FR PVC insulated & unsheathed flexible copper conductor					
8	53.1	Supplying and drawing FR PVC insulated & unstreamed marked (IS:694) and as per				1 1	
-		as per PWD specification for electrical works when the purity				1 1	
		IS 8130: 2013 of 1.1 kV grade. Wite should be the lower watt loss, oxygen					
		copper, class 5 stranding in acc. to 13.8150/120 type A/C/D. flame retardant as					•
		copper, class 5 stranding in acc. to IS:8130/IEC 00226 to 10-10-10-10-10-10-10-10-10-10-10-10-10-1					
		free for less chances of oxidization, insulation FVC (1907) and the per IS 10810-53, better amperage rating as per IS 3961 part 5, in existing surface per IS 10810-53, better amperage rating as per IS 3961 part 5, in existing surface per IS 10810-53, better amperage rating as per IS 3961 part 5, in existing surface per IS 10810-53, better amperage rating as per IS 3961 part 5, in existing surface per IS 10810-53, better amperage rating as per IS 3961 part 5, in existing surface per IS 10810-53, better amperage rating as per IS 3961 part 5, in existing surface per IS 10810-53, better amperage rating as per IS 3961 part 5, in existing surface per IS 10810-53, better amperage rating as per IS 3961 part 5, in existing surface per IS 10810-53, better amperage rating as per IS 3961 part 5, in existing surface per IS 10810-53, better amperage rating as per IS 3961 part 5, in existing surface per IS 10810-53, better amperage rating as per IS 3961 part 5, in existing surface per IS 10810-53, better amperage rating as per IS 3961 part 5, in existing surface per IS 10810-53, better amperage rating as per IS 3961 part 5, in existing surface per IS 10810-53, better amperage rating as per IS 3961 part 5, in existing surface per IS 10810-53, better amperage rating as per IS 3961 part 5, in existing surface per IS 10810-53, better amperage rating as per IS 3961 part 5, in existing surface per IS 10810-53, better amperage rating as per IS 3961 part 5, in existing surface per IS 10810-53, better amperage rating as per IS 3961 part 5, in existing surface per IS 10810-53, better amperage rating as per IS 3961 part 5, in existing surface per IS 10810-53, better amperage rating as per IS 3961 part 5, in existing surface per IS 10810-53, better amperage rating as per IS 3961 part 5, in existing surface per IS 10810-53, better amperage rating as per IS 3961 part 5, in existing surface per IS 10810-53, better amperage rating surface per IS 10810-53, better amperage rating surface per IS 10810-53, better amperage rating surface per IS 1				1. 1	
		per IS 10810-53, better amperage rating as per IS-20 particles with Copper or recessed PVC/ MS conduit/casing capping making connections with Copper or recessed PVC/ MS conduit/casing capping making connections with Copper or recessed PVC/ MS conduit/casing capping making connections with Copper or recessed PVC/ MS conduit/casing capping making connections with Copper or recessed PVC/ MS conduit/casing capping making connections with Copper or recessed PVC/ MS conduit/casing capping making connections with Copper or recessed PVC/ MS conduit/casing capping making connections with Copper or recessed PVC/ MS conduit/casing capping making connections with Copper or recessed PVC/ MS conduit/casing capping making connections with Copper or recessed PVC/ MS conduit/casing capping making connections with Copper or recessed PVC/ MS conduit/casing capping making connections with Copper or recessed PVC/ MS conduit/casing capping making connections with Copper or recessed PVC/ MS conduit/casing capping making connections with Copper or recessed PVC/ MS conduit/casing capping making capping making connections with Copper or recessed PVC/ MS conduit/casing capping making					
				- 1		1 1	
		Lugs of suitable size, Ferrules, testing etc. as required. OEM Must have no other	- 1	- 1			
		Lugs of suitable size, Ferrules, testing feel as requires. For additional technical					
		Lugs of suitable size, Ferrules, testing feel as requires. For additional technical					11000
		Lugs of suitable size, Ferruies, testing facilities for wires. For additional technical house NABL lab setup for all testing facilities for wires. For additional technical parameters of product / work refer Amexure 'A' attached with this BSR	250	Mtr	44	Each	11000
	53.1.2	Lugs of suitable size, Ferrules, testing feel as requires. For additional technical	250	Mtr	44	Each	11000 502044.00 502044.00



Signature of Contractor