

जोधपुर नगर निगम, (दक्षिण)



पोलोटेक्निक कॉलेज परिसर, रेजीडेन्सी रोड़, जोघपुर E-Mail-nnjelectrical@gmail.com क्रमाकः-सं. / न.नि.द / विद्युत / कार्य / 2023 / R)-17-578

दिनांक:-11/8/23

अल्पकालिन ई- निविदा सूचना क्रमांक 1257 दिनाक 111812

DLB2324WSOB16756 UBN No.....

जोधपुर नगर निगम दक्षिण द्वारा इच्छुक कार्यो के अनुभवी/योग्यताधारी, डिजिटल विद्युत लाईसेन्सधारी संवेदको, नगर निगम में पंजीकृत नियमानुसार E-EWSD श्रेणी संवेदको, अन्य विभाग में पंजीकृत E-EWSD-1 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 https://Urban.rajasthan.gov.in/MCJS पर देखी जा सकती है।

(उत्सव कौशल)

आयुक्त

नगर निगम (दक्षिण) जोधपुर।

दिनांक:- 1118)>3 क्रमाक:-सं न.नि.द / विद्युत / कार्य / 2023 | २८ | 7-574 10582 प्रतिलिपि

- 1. राजस्थान संवाद जयपुर को मेज कर लेख है कि आगामी अंक में एक राज्य स्तरीय संस्करण एवं जोघपुर संस्करण में प्रकाशित कर बिल मुगतान हेतु प्रस्तुत करे।
- 2. बिल लिपिक, नगर निगम, जोघपुर।
- 3. ओसवाल डाटा जोघपुर। इस निविदा www.sppp.raj.nic.in वेब साईट पर अपलोड करावे।
- मैसर्स इलीट मंत्रा, JMC वेब साईट पर अपलोड करावे।
- नोटिस बोर्ड नगर निगम जोघपुर।

आयुक्त नगर निगम (दक्षिण) जोधपुर।

Signature valid

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जोधपुर नगर निगम, (दक्षिण)



पोलोटेविनक कॉलेज परिसर, रेजीडेन्सी रोड़, जोधपुर E-Mail-nnjelectrical@gmail.com क्रमाकः-सं./एफ-..../कार्य/2023/RJ-12_57

दिनांक:- 11 8 2-3

अल्पकालीन ई- निविदा स्चना DLB2324WSOB16756_

जोधपुर नगर निगम दक्षिण द्वारा इच्छुक कार्यों के अनुभवी/योग्यताधारी, डिजिटल विधृत लाईसेन्सधारी संवेदको, में पंजीकत निगमपुराण केले कार्यों के अनुभवी/योग्यताधारी, डिजिटल विधृत लाईसेन्सधारी संवेदको, नगर निगम में पंजीकृत नियमानुसार श्रेणी संवेदको, अन्य विभाग में पंजीकृत E-EWSD-I ऑन-लाईन र्ई टेण्डर प्रक्रिया से निगम शर्तो के अधीन निविदाये आगंत्रित की जाती है। निविदा की शर्ते लेखा नियमानुसार रहेगी।

क्र.सं.	कार्य का नाम	अनुमानित लागत (लाख)	अमानत राशि	E-Tender प्रोसेंसिग 'शुल्क	निविदा प्रपत्र शुल्क	कार्य करन के। अवधि
1.	पार्पय महोदय की अनुशंषा पर पार्षय कोटे से एलईडी रोड लाईट लगाने का कार्य। (वार्ड सं. 49,55,60)	4.97	9940/-	500/-	500/-	
2.	पार्षद महोदय की अनुशंषा पर पार्पद कोर्ट से सेमी हाईमास्ट लाईट एवं एलईडी लाईट लगाने का कार्य। (वार्ड सं. 44)	15.34	30680/-	500/-	500/-	
3.	पार्पद महोदय की अनुशंषा पर पार्पद कोटे से सेमी हाईमास्ट लाईट एवं एलईडी लाईट लगाने का कार्य। (वार्ड सं. 56)	2.5	5000/-	500/-	500/-	
4.	पार्पद महोदय की अनुशंपा पर पार्पद कोटे से सेमी हाईमास्ट लाईट लगाने का कार्य। (वार्ड सं. 62,70,71)	6.06	12120/-	500/-	500/-	
5.	पार्षद महोदय की अनुशंपा पर पार्षद कोटे से सेमी हाईमास्ट लाईट एवं एलईडी लाईट लगाने का कार्य। (वार्ड सं. 63,65,67,76,68)	7.10	14200/-	500/-	500/-	
6.	पार्धद महोदय की अनुशंपा पर पार्पद कोटे से सेमी हाईमास्ट लाईट एवं एलईडी लाईट लगाने का कार्य। (वार्ड सं. 40,43,45)	5.81	11620/-	500/-	500/-	
7.	पार्षद महोदय की अनुशंषा पर पार्पद कोटे से एलईडी रोड लाईट लगाने का कार्य। (वार्ड सं. 38,41,52,57)	6.5	13000/-	500/-	500/-	
8.	पार्षद महोदय की अनुशंषा पर पार्षद कोटे से एलईडी रोड लाईट लगाने का कार्य। (वार्ड सं. 78,80)	10.00	20000/-	500/-	500/-	
9.	नगर निगम दक्षिण के वार्ड 38 से 80 के विभिन्न स्थानों पर टी.पी. पोल लगाने का कार्य।	12.14	24280/-	500/-	500/-	

ऑन लाईन निविदा फार्म मिलने व जमा कराने की दिनांक	दिनांक 14/8/23 से 21/8/23	तक
निविदा अपलोड करने की अन्तिम तिथि	दिनांक 21/8/23 सांय 6! 60 व	
	दिनांक 22/8/23 अपरान्ह 12:00 ब	जे तक
ऑन लाईन तकनिकी निविदा खोलने की दिनांक	दिनांक 22/8/23 अपरान्ह 3:00 ब	जे तक

Signature yalid

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विस्तृत विवरण एवं शर्तों के लिए नगर निगम दक्षिण कार्यालय के विद्युत अनुमाग से जानकारी प्राप्त की जा सकती है। ई निविदा की महत्वपूर्ण शर्रों निम्नानसार है:--

ई- निविदा प्रपन्नों को पेन साईट http://eproc.rajasthan .gov.in रो अपलोड वाचनलोड किया जा सकता है। इन निविदाओं में भाग लेने वाले संवेदक निविदा को घूलेक्ट्रोनिक कारगेन्ट में वेबसाईट http://eproc.rajasthan.gov.in पर जमा कराएं।

 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 उद्मायू एक एण्ड एआर के नियमानुसार देय होगी। इसके अतिरिक्त सभी संवेदकों से 2% अमानत राशि देय होगी। नगर निगम में विद्युत पंजीकृत संवेदक को आदेशानुसार पंजीवन रिष्यू कराया जाना आवश्यक होगा, अन्यशा निविदा स्वीकार नहीं की जाएगी।

2 संवेदक नगर निगम जोधपुर एंव अन्य राजकीय विभाग में जहाँ पर पंजीकृत, हो उसका प्रमाण-पत्र रालग्न करना होगा अनुष्ण क्रिक्न क्रिक्न प्रमाण-पत्र रालग्न करना

होगा, अन्यशा निविदा पर विचार नही किया जाएगा।

अंवेदक द्वारा विगत तीन वर्ष में समान्तर कार्य के कार्यादेश पूर्ण करने का अनुगय प्रमाण-पत्र राजकीय विभाग अधिशाषी अभियन्त या इनके समान्तर रतर के अधिकारी का संतर्ग करना होगा, अन्यथा निविद्य मान्य नहीं होगी।

4. कार्यों के सम्मुख उपरोक्तानुसार वर्णित कार्यालय में संवेदक द्वारा दिनांक 14 8 23 से दिनांक .2.18 25कों किसी भी कार्य दिवस में 11.00 बजे पूर्वान्ह से 4.00 बजे अपरान्ह निविदा प्रपन्न को देखा जा सकता है अथवा वेबसाईट http://eproc.rajasthan.gov.in भी देखा जा सकता है, निविदा प्रपन्न में निविदाकर्ता के लिए योग्यता सूचना तथा निविदाकर्ता की पात्रता, प्लान, स्पेशिफिकेशन, उपलब्ध है।

. सभी दस्तावेजों को निविदा में अपलोड करना होगा।

- े. निविदाकर्ता द्वारा निविदा प्रपत्र शुल्क,धरोहर राशि E-tender प्रोंसेसिंग राशि डिमाण्ड झापट राम्बन्धित कार्यालय में जमा कराना आवश्यक है।
- 7. निविदा खोलने की दिनांक से 90 दिवस तक निविदा खीकृति हेतु मान्य रहेगी। यदि निविदाकर्ता उस अविध में अपनी निविदा अथवा शर्तों में किसी प्रकार का संसधान करता है अथवा अपनी निविदा वापस ले लेता है तो उसकी धरोहर राशि जब्त कर ली जायेगी।
- उ. यदि संवेदक का नजदीकी रिश्तेदार (प्रथम रक्त सम्बन्धी व उनके पित/पित्न) इस कार्य से सम्बन्धित जोधपुर नगर निगम कार्यालय में कार्यरत लेखाकार अथवा तकनीकी स्तर का किसी पद पर पदस्थापित हो तो इस कार्य पर नियुक्त करने पर प्रतिबन्ध रहेगा।
- 9. राज्य सरकार में किसी भी अभियांत्रिकी विभाग में किसी भी इंजीनियर अथवा इंजीनियरिंग या प्रशासनिक कार्य पर नियुक्त राजपत्रित अधिकारी, राज्य सरकार की अनुमित के बिना सेवा निवृति के 2 वर्ष तक संवेदक अथवा उसके कर्मचारी के रूप में कार्य नहीं कर सकेगा।
- 10. किसी निविदा को स्वीकार करने एवं बिना कारण बताये निरस्त करने कें समस्त अधिकार सक्षम अधिकारी के पास सुरक्षित है। RTPP ACT 2012/Rules 213 की मान्य होगी।
- 11. निविदा प्रपत्र शुल्क व धरोहर राशि का डिमाण्ड ड्रापट आयुक्त नगर निगम जोघपुर दक्षिण payable जोघपुर होना चाहिए। निविदा जारी के पश्चात् की डी.डी. प्रस्तुत करनी होगी अन्यथा निविदा से निरस्त कर दी जायेगी।
- 12. वित्त विभाग के आदेश अनुसार ई-टेन्डर प्रोसेसिंग शुल्क 50.00 लाख रूपये तक की राशि के कार्य के लिए 500/-क 50.00 लाख रूपये से अधिक राशि के कार्यों के लिए 1500/-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, payable at jaipur होना चाहिए।

13. कार्य पूर्ण करने की अवधि में मानसून अवधि सम्मिलित है।

- 14. संवेदक को ऑनलाईन निविदा के साथ जीएसटी रिजस्ट्रशन की प्रति लगाना आवश्यक होगा अन्यथा निविदा पर विचार नहीं किया जाएगा।
- 15. यदि संवेदक द्वारा के कार्य पर लगाये जाने वाले श्रिमकों 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 श्रिमका (नियमन एवं उन्मुलन) अधिनियम 1970 का पालन करने 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।

Signature yalid

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16. संवेदक को विगत 3 वर्ष का सी.ए. से प्रमाणित फर्म का टर्नओवर प्रमाण पन्न देना छोगा अनिवार्य है अन्यथा निविदा

निरस्त कर दी जायेगी एवं विगत गाह का जी.एस.टी. 3 भी फॉर्म जमा करवाना होगा। 17. संवेदक को RUIDP – 2022 के नियमानुसार Annexture A के अनुसार करवाना होगा, जिस पर होने वाला व्यय संवेदक हारा तहन किया संवेदक द्वारा वहन किया जाएगा, निगम द्वारा इस संबंध में कोई भी राशि देय नहीं होगी।

(अ) इन निविदाओं में दिलचस्पी लेने वाले निविदादाता निविदा प्रपन्नों का इन्टरनेटरााईट http://ep.psg.gs.ic. 18. ई-टेन्डरिगं के लिए निविदादाता हेतु निर्देश:http://eproc.rajasthan.gov.in से डाउनलोड कर राकते हैं।

(ब) निविदाओं में भाग लेने वाले निविदाताओं का इन्टरनेट साईट http://eproc.rajasthan.gov.in पर रिजल्टर करवाना होगा। ऑन लाईन निविदा में भाग लेने केलिए डिजिटल राटिंफिकेट इनफोनेरमेशन टेक्नोलीजी एक्ट 2000 के तहत प्राप्त करना होगा जो इलेक्ट्रोनिक निविदा में साइन करने हेतु काम आयेगा। निविदादाता उपरोक्त डिजिटल सार्फिकेट सी.सी.ए द्वारा स्वीकृति एजेन्सी से प्राप्त कर सकते हैं। जिन निविदादाताओं के पास पूर्व में वैद्य डिजिटल सर्टिफिकेट है, नथा डिजिटल सर्टिफिकेट लेने की आवश्यकता नहीं है।

(स) निविदादाताओं को निविदा प्रपन्न इलेक्ट्रोनिक फार्मेंट में उपरोक्त वेबसाईट पर डिजिटल सर्टीफिकेट साईन के साथ प्रस्तुत करना होगा, जिसके प्रस्ताव डिजिटल साईन के साथ नहीं होंगे, उनके प्रस्ताव स्वीकार 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 दरतावेज की स्केन कॉपी निविदा प्रपन्नों 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 नहीं होगा।

(ल) टेण्डर के प्रपत्रों में आवश्यक सभी सूचियों 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।

(उत्सव कौशल) आयुक्त नगर निगम, (दक्षिण) जोधपुर दिनांक :-11812-3

क्रमाकः-सं./एफ-..../कार्य/2023/१८८-115-)2-1012-5-)-प्रतिलिपि:-

- निर्देशक स्थानिय निकाय जयप्र।
- उप- निर्देशक स्थानिय निकाय जोधपुर।
- लेखाधिकारी,नगर निगम दक्षिण जोधपुर।
- बिल लिपिक, नगर निगम, जोधपुर।
- ओसवाल डाटा जोघपुर। इस निविदा www.sppp.raj.nic.in वेब साईट पर अपलोड करावे।
- मैसर्स इलीट मंत्रा, वेब साईट पर अपलोड करावे।
- नोटिस बोर्ड नगर निगम जोधप्र।

आयुक्त नगर निगम (दक्षिण)जोधपुर।

Signature yalid

Digitally signed by Utsav Kaushal Designation Commissioner Date: 2023.08.11/ .55:35 IST

Reason: Apprò



Name of work:-

Supply and fixing of LED Light at ward no. 60,55,49 of JMC south.

	work:-	Supply and fixing of LED Light at ward no. 60,55,49 of JMC south.			("G" Sch	edule)	
_	DP SOR 2022	Schedule	QT	v	RATI		AMOUNT
S.n.	CODEno	PARTICULARS	Qi	1.			
1	E181300	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				Each	277515.00
	E181303	Input Frequency 50Hz±3% Power Factor >0.95 driver Efficiency >85%, THD(I)	63	Nos	4405.00	Each	183750.00
	E181305	LED Street Light fixture 45 Watt LED street light fixture 70 Watt	35	Nos	5250.00	Eacii	
2	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.		Mar	279.00	RM	27342.00
	E181703	32 mm Dia	98	Mtr	211		
3	E040100	Supplying and drawing FR PVC insulated & unsheathed flexible copper conductor as per PWD specification for electrical Works with ISI marked (IS:694) and as per IS 8130: 2013 of 1.1 kV grade. Wire should be made from 99.99% purity copper, class 5 stranding in acc. to IEC 60228 for lower watt loss, oxygen free (<10 ppm) for less chances of oxidization and higher silver content for gives better conductivity, insulation PVC type A or C, flame retardant as per IS 10810-53, better amperage rating as per VDE 0298 part 4, in					
		existing surface or recessed PVC/ MS conduit/casing capping including all as per			25.00	RM	8000.00
	E040102	2 x 1.5 sq.mm	320	Mtr	25.00	10.7	496607.00
	10.000	Total (G-Schedule)					4.97 lakl
		Say					

XEN(Elect)

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



Jodhpur Municipal Corporation (South), Jodhpur Suppyling and fixing of SHM and LED's in ward 44 in jodhpur (south)

Name of RUIDP-2022

Toon	Calculate				chedule)	AMOUN
n. CODEno	Schedule	0	TY.	RAT	E	AMUNIT
1 E180500	Supply and erection of M.S. Galvanized Octagonal pole (as per BSEN 40-3-3-2003 /BSEN 10025/IS 2062 IS.875 Part-1 - 2015/ for MS plate for base flange of following length and dimension as pertable P-01 with base plate on the cernent concrete foundation of M.30.					
Elean	concrete foundation of M-20 grade (1:1.5:3) as per IS 456/IS 2911. with the help of anchor bolts of grade 6.8 (IS: 1367 P III). The pole shall have a weatherproof flush door and locking arrangements, 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.					
E180510	Octagonal MS Poles made of S-355JO grade steel sheet, folded lengthwise to obtained Octagonal shape, having single longitudinal seam weld and hot dipped galvanised internally & externally in accordance with IS 2629. (See Table P -01 for specs.)				7.3	145288.
E180515	7 Mtr.	11	Nos	13208.00	Each	1402000
	Supply, Erection and Fixing of hot dipped galvanised M.S. Overhang (48.3 X 3.25 mm) with cap (400 x 88.9 / 114.3 x 3.25 mm) over the existing poles. All as per pre approved by Engineer in charge. For additional technical parameters of products/			1603.00	Each	35266.00
	Bodole aim overnang	22	Nos	1005.00		
	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 ,color Rendering Index >70 and CCT 5700K					440500 0
E181303	LED Street Light fixture 45 Watt	100	Nos	4405.00	Each	440500,00
	LED street light fixture 70 watt	40	Nos	5250.00	Each	210000.00
	diffuser with suitable lenses on LED to achieve various beam angles, 240 volt, 50Hz, of high power LED lamps. Integrated driver must be potted & has a unique BIS R number shall be high efficiency having efficiency more than 85 % and in compliance to BIS certified and T.C. certificate. The System level Luminaire efficacy >=120 lm/wt with High Power LEDs is to be used. LED driver 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%, driver current <1000mA shown in LM79 report. driver should be Phase to phase protection of 440 V for 4 Hrs. Electrical Connector Must be provided, Surge Protection Min >=4KV internal and 10KV external, System life of 30000 Burning hours with 70% of Initial Lumens maintained, color Rendering Index >70 and CCT 5700K ±355K. Driver current					
E181205	LED street light fixture 100 watt	44	Nos	8035.00	Each	353540,00
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.	140	Mtr	279.00	RM	39060.00
E181703 : E040100 :	32 mm Dia Supplying and drawing FR PVC insulated & unsheathed flexible copper conductor as	. , ,		277,00	ICIVI	39000.00
	per PWD specification for electrical Works with ISI marked (IS:694) and as per IS 8130 : 2013 of 1.1 kV grade. Wire should be made from 99.99% purity copper, class 5 stranding in acc. to IEC 60228 for lower watt loss, oxygen free (<10 ppm) for less chances of oxidization and higher silver content for gives better conductivity, insulation PVC type A or C, flame retardant as per IS 10810-53, better amperage rating as per VDE 0298 part 4, in existing surface or recessed PVC/ MS conduit/casing capping including all as per pre approved by Engineer in					
E040102		700	Mtr.	25.00	RM	17500.00
E190300	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					17300,00
E190301 I	LT cross arm 600 mm long with clamp	190	Nos	285.00	Each	54150.00
	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.					

0		Sumply and fiving of posselsin should involute as a 16 total con-	_		1000		
9	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 hardware etc as requiredas per PWD / DISCOM specification. All as per pre approved by Engineer in charge. For additional technical parameters of products/ work, referance "A" attached with this BSR.			(100	Each	6710.00
	E190501	75mm x 90mm	110	Nos	61.00		
10	E192600	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 Annexure "A" attached with this BSR.			55.00	RM	165000.00
	E192603	1 X 25 sq. mm. + 1X25 sq. mm. (insulated)	3000	Mtr	55.00		
		Providing & Laying P.V.C. / XLPE insulated & P.V.C. sheathed Un armoured / 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					
-		Armoured Cable					
-		5.00 Sq.mm		1.6	71.00	RM	28400.00
+		2 core	400	Mtr.	/1.00		100.00
-		0.0 Sq.mm		260	112.00	RM	33600.00
E	110133	4 core	300	Mtr.	112.00		1534514.00

XEN(Elect)

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

Jodhpur Municipal Corporation (South), Jodhpur RUIDP-2022 Suppyling and fixing of SHM and LED's in ward 56 in jodhpur (south)

1 E18050	o Schedule	("	G" Sch	edule)		AMOUS
11E18030	Supply and eraci PARTICULARS	(YTY.	RAT	E	AMOUN
	BSEN 10024	-	T			
	/BSEN 10025/IS 2062 IS:875 Part-1 - 2015/ for MS plate for base flange) of concrete for the second of the second					
	mention bolls of grada 6 g age with the neip of					
	The pole shall have a weatherproof flush					
	Engineer in above 15 Complete in all respect. All as per pre approved by					
	Engineer in charge. For additional technical parameters of products/ work, refer				-	
E180510	Annexure "A" attached with this BSR				-	
	obtained Octagonal shape, having single longitudinal seam weld and hot dipped galvanised internally & externally in accordance with 15 accordance					
	galvanised internally & externally in accordance longitudinal seam weld and hot dipped					
E180516	specs.) See Table P -01 for					
E100516	O IVIT.		21-0	15297.00	Each	45891.0
E180600	perpendicular and raying of L	3	Nos	13277.00	470	
	mm) with cap (400 x 88.9 / 114.3 x 3.25 mm) over the existing poles. All as per pre approved by Engineer in charge. For additional as the first poles of the control of the					
	approved by Essience 114.3 x 3.25 mm) over the existing poles. All as per pre					
	approved by Engineer in charge. For additional technical parameters of products/					
E180602	work refer Annexure "A" attached with this BSR					0619.00
E181300	Double arm overhang	6	Nos	1603.00	Each	9618.00
E181300	Providing & Fixing of IK07 ID 66	0	1403			
	bracket/pole. Fixture made of powder coated LED Street Light Luminaire on existing LM6/ ADC12 material with heat dissipation for the coast aluminum					
	LM6/ ADC12 material with 1					
	LM6/ ADC12 material with heat dissipation fins on housing with UV stabilized					
	PC/Toughened Glass cover (UV stabilized secondary lens on each LED & should be SMD to the secondary lens on each LED & should be SMD to the secondary lens on each LED & should be SMD to the secondary lens on each LED & should be SMD to the secondary lens on each LED & should be SMD to the secondary lens on each LED & should be SMD to the secondary lens on each LED & should be SMD to the secondary lens on each LED & should be SMD to the secondary lens on the secondary lens of the					
	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 least VI					
	potted & has a unique BIS R number with Least 18 to be used and potted driver must be					
	High voltage Cutoff @>=300 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 45%.					
1 15						
	certified and T.C. certified. Life Expectancy Equal or more than 50000 burning hrs					
	with Minimum 70% lumen maintened select P					
	with Minimum 70% lumen maintened ,color Rendering Index >70 and CCT 5700K					
	ourse protection shall be min > 4 kV internal and min 10 VV external					
	arrel should be Fliase to phase protection of 440 V for 4 Hrs Manufactures Word					
	with Name Engraved/Embossing on die cast bousing to allow					
	traceability/authenticity, Fixture shall be AS PER IS 10322 Complianced					
E101205						00000
E181305	EED street light lixture 70 watt	17	Nos	5250.00	Each	89250.00
E181200	Providing & Fixing of IK07 IP-66 protected high power LED flood light system with					
	Pressure diecast aluminium housing LM6/ ADC12 material , toughened glass					
	diffuser with suitable lenses on LED to achieve various beam angles, 240 volt, 50Hz,					
	of high power LED larges, Interested drive various beam angles, 240 volt, 50Hz,					
	of high power LED lamps . Integrated driver must be potted & has a unique BIS R					
	number shall be high efficiency having efficiency more than 85 % and in compliance					
	to BIS certified and T.C. certificate. The System level Luminaire efficacy >=120 lm/					
	wt with High Power LEDs is to be used . LED driver Input Voltage AC 120 to 270 V					
	AC with High voltage Cutoff @>=300 V AC and Auto resetting Safety . Input					
	Frequency 50Hz+3% Power Feator > 0.5 driver E05-1-1-2 2500 THEOD STORY					
	Frequency 50Hz±3%, Power Factor >0.95, driver Efficiency >85%, THD(I) <10%,				1	
	driver current <1000mA shown in LM79 report, driver should be Phase to phase					
	protection of 440 V for 4 Hrs. Electrical Connector Must be provided, Surge					
	Protection Min >=4KV internal					
	and 10KV external, System life of 30000 Burning hours with 70% of Initial Lumens					
	maintained, color Rendering Index >70 and CCT 5700K ±355K. Driver current					
	<1000mA shown in LM79 report. Manufactures Word Mark/Name					
	Engraved/Embossing/Screen					
	printing on die cast housing to allow traceability/authenticity. Fixture shall be IS					
2101202	printing on die cast housing to allow traceability/authenticity. Fixture shall be IS	0	M	(0166		
	printing on die cast housing to allow traceability/authenticity. Fixture shall be IS 10322 Complianced, OEM Must have its ours in house MARL lab catus for all High Power LED Flood Light 70W	8	Nos	6016.00	Each	
E181203 E181205	printing on die cast housing to allow traceability/authenticity. Fixture shall be IS 10222 Complianced OFM Must have its own in house MAPL lab catus for all High Power LED Flood Light 70W High Power LED Flood Light 100W	8 4	Nos Nos	6016.00 8035.00	Each Each	
	printing on die cast housing to allow traceability/authenticity. Fixture shall be IS 10222 Complianced, OEM Must have its over in house MAPL lab catus for all High Power LED Flood Light 70W High Power LED Flood Light 100W Providing & Fixing of Street light bracket made out from following size of 'B' class,					
	printing on die cast housing to allow traceability/authenticity. Fixture shall be IS 10222 Complianced OFM Must have its own in house MAPL lab catus for all High Power LED Flood Light 70W High Power LED Flood Light 100W					
	printing on die cast housing to allow traceability/authenticity. Fixture shall be IS 10222 Complianced, OEM Must have its over in house MAPL lab catus for all High Power LED Flood Light 70W High Power LED Flood Light 100W Providing & Fixing of Street light bracket made out from following size of 'B' class,					48128.00 32140.00
E181205	printing on die cast housing to allow traceability/authenticity. Fixture shall be IS 10.22.2. Complianced OFM Must have its own in house MAPL lab catus for all High Power LED Flood Light 70W High Power LED Flood Light 100W 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					
E181205	printing on die cast housing to allow traceability/authenticity. Fixture shall be IS 10.2.2. Complianced OFM Must have its own in house MAPL lab catum for all High Power LED Flood Light 70W High Power LED Flood Light 100W 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"					
E181205 E181700	printing on die cast housing to allow traceability/authenticity. Fixture shall be IS 10.22.2 Complianced. OEM Must have its own in house MAPL lab eatum for all High Power LED Flood Light 70W High Power LED Flood Light 100W 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.	4	Nos	8035.00	Each	32140.00
E181700 E181700	printing on die cast housing to allow traceability/authenticity. Fixture shall be IS 10222 Complianced. OEM Murt have its own in house MADL lab catus for all High Power LED Flood Light 100W High Power LED Flood Light 100W 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. 32 mm Dia					48128.00 32140.00 4743.00
E181700 E181700	printing on die cast housing to allow traceability/authenticity. Fixture shall be IS 1022 Complianced. OEM Murt have its own in house MADI. Inheritance for all High Power LED Flood Light 70W High Power LED Flood Light 100W 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. 32 mm Dia Supplying and drawing FR PVC insulated & unsheathed flexible copper conductor as	4	Nos	8035.00	Each	32140.00
E181700 E181703 E040100	printing on die cast housing to allow traceability/authenticity. Fixture shall be IS 10222 Complianced. OEM Murt have its own in house MAPL lab catus for all High Power LED Flood Light 100W 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. 32 mm Dia Supplying and drawing FR PVC insulated & unsheathed flexible copper conductor as per PWD specification for electrical Works with ISI marked (IS:694) and as per IS	4	Nos	8035.00	Each	32140.00
E181700 E181703 E040100	printing on die cast housing to allow traceability/authenticity. Fixture shall be IS 10222 Complianced. OEM Murt have its own in house MAPL lab catus for all High Power LED Flood Light 100W 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. 32 mm Dia Supplying and drawing FR PVC insulated & unsheathed flexible copper conductor as per PWD specification for electrical Works with ISI marked (IS:694) and as per IS	4	Nos	8035.00	Each	32140.00
E181700 E181703 E040100	printing on die cast housing to allow traceability/authenticity. Fixture shall be IS 10.22. Complianced OEM Murt have its ours in house MADI lab catus for all High Power LED Flood Light 70W High Power LED Flood Light 100W 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. 32 mm Dia Supplying and drawing FR PVC insulated & unsheathed flexible copper conductor as per PWD specification for electrical Works with ISI marked (IS:694) and as per IS 8130: 2013 of 1.1 kV grade. Wire should be made from 99.99% purity copper, class	4	Nos	8035.00	Each	32140.00
E181700 E181700 E181703 E040100	printing on die cast housing to allow traceability/authenticity. Fixture shall be IS 10.22.2 Complianced OFM Must have its own in house NAPL lab catus for all High Power LED Flood Light 70W High Power LED Flood Light 100W 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. 32 mm Dia Supplying and drawing FR PVC insulated & unsheathed flexible copper conductor as per PWD specification for electrical Works with ISI marked (IS:694) and as per IS 8130: 2013 of 1.1 kV grade. Wire should be made from 99.99% purity copper, class 5 stranding in acc. to IEC 60228 for lower watt loss, oxygen free (<10 ppm) for less	4	Nos	8035.00	Each	32140.00
E181700 E181700 E181703 E040100	printing on die cast housing to allow traceability/authenticity. Fixture shall be IS 10.22.2 Complianced OFM Must have its own in house NAPL lab catus for all High Power LED Flood Light 70W High Power LED Flood Light 100W 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. 32 mm Dia Supplying and drawing FR PVC insulated & unsheathed flexible copper conductor as per PWD specification for electrical Works with ISI marked (IS:694) and as per IS 8130: 2013 of 1.1 kV grade. Wire should be made from 99.99% purity copper, class 5 stranding in acc. to IEC 60228 for lower watt loss, oxygen free (<10 ppm) for less chances of oxidization and higher silver content for gives better conductivity,	4	Nos	8035.00	Each	32140.00
E181700 E181700 E181703 E040100	printing on die cast housing to allow traceability/authenticity. Fixture shall be IS 10.3.2. Complianced OFM Must have its own in house MAPL lab catum for all High Power LED Flood Light 70W High Power LED Flood Light 100W 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. 32 mm Dia Supplying and drawing FR PVC insulated & unsheathed flexible copper conductor as per PWD specification for electrical Works with ISI marked (IS:694) and as per IS 8130: 2013 of 1.1 kV grade. Wire should be made from 99.99% purity copper, class 5 stranding in acc. to IEC 60228 for lower watt loss, oxygen free (<10 ppm) for less chances of oxidization and higher silver content for gives better conductivity, insulation PVC type A or C, flame retardant as per IS 10810-53, better amperage	4	Nos	8035.00	Each	32140.00
E181700 E181700 E181703 E040100	printing on die cast housing to allow traceability/authenticity. Fixture shall be IS 10.22.2 Complianced OFM Must have its own in house NAPL lab catus for all High Power LED Flood Light 70W High Power LED Flood Light 100W 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. 32 mm Dia Supplying and drawing FR PVC insulated & unsheathed flexible copper conductor as per PWD specification for electrical Works with ISI marked (IS:694) and as per IS 8130: 2013 of 1.1 kV grade. Wire should be made from 99.99% purity copper, class 5 stranding in acc. to IEC 60228 for lower watt loss, oxygen free (<10 ppm) for less chances of oxidization and higher silver content for gives better conductivity,	4	Nos	8035.00	Each	32140.00
E181700 E181700 E181703 E040100	printing on die cast housing to allow traceability/authenticity. Fixture shall be IS 10.32.2 Complianced OFM Must have its own in house MAPL lab catum for all High Power LED Flood Light 70W High Power LED Flood Light 100W 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. 32 mm Dia Supplying and drawing FR PVC insulated & unsheathed flexible copper conductor as per PWD specification for electrical Works with ISI marked (IS:694) and as per IS 8130: 2013 of 1.1 kV grade. Wire should be made from 99.99% purity copper, class 5 stranding in acc. to IEC 60228 for lower watt loss, oxygen free (<10 ppm) for less chances of oxidization and higher silver content for gives better conductivity, insulation PVC type A or C, flame retardant as per IS 10810-53, better amperage rating as per VDE 0298 part 4, in existing surface or recessed PVC/ MS	4	Nos	8035.00	Each	32140.00
E181700 E181700 E181703 E040100	printing on die cast housing to allow traceability/authenticity. Fixture shall be IS 10.32.2 Complianced OFM Must have its own in house MAPL lab catum for all High Power LED Flood Light 70W High Power LED Flood Light 100W 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. 32 mm Dia Supplying and drawing FR PVC insulated & unsheathed flexible copper conductor as per PWD specification for electrical Works with ISI marked (IS:694) and as per IS 8130: 2013 of 1.1 kV grade. Wire should be made from 99.99% purity copper, class 5 stranding in acc. to IEC 60228 for lower watt loss, oxygen free (<10 ppm) for less chances of oxidization and higher silver content for gives better conductivity, insulation PVC type A or C, flame retardant as per IS 10810-53, better amperage rating as per VDE 0298 part 4, in existing surface or recessed PVC/ MS conduit/casing capping including all as per pre approved by Engineer in	4	Nos	8035.00	Each	32140.00
E181700 E181700 E181703 E040100	printing on die cast housing to allow traceability/authenticity. Fixture shall be IS 10.32.2 Complianced OEM Must have its own in house MAPL lab catum for all High Power LED Flood Light 70W High Power LED Flood Light 100W 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. 32 mm Dia Supplying and drawing FR PVC insulated & unsheathed flexible copper conductor as per PWD specification for electrical Works with ISI marked (IS:694) and as per IS 8130: 2013 of 1.1 kV grade. Wire should be made from 99.99% purity copper, class 5 stranding in acc. to IEC 60228 for lower watt loss, oxygen free (<10 ppm) for less chances of oxidization and higher silver content for gives better conductivity, insulation PVC type A or C, flame retardant as per IS 10810-53, better amperage rating as per VDE 0298 part 4, in existing surface or recessed PVC/ MS conduit/casing capping including all as per pre approved by Engineer in charge, making connections, etc. as required. OEM Must have its own in house	4	Nos	8035.00	Each	32140.00
E181700 E181700 E181700 E181703 E040100	printing on die cast housing to allow traceability/authenticity. Fixture shall be IS 10.22.2 Complianced OFM Must have its own in house MAPL lab eatum for all. High Power LED Flood Light 70W High Power LED Flood Light 100W 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. 32 mm Dia Supplying and drawing FR PVC insulated & unsheathed flexible copper conductor as per PWD specification for electrical Works with ISI marked (IS:694) and as per IS 8130: 2013 of 1.1 kV grade. Wire should be made from 99.99% purity copper, class 5 stranding in acc. to IEC 60228 for lower watt loss, oxygen free (<10 ppm) for less chances of oxidization and higher silver content for gives better conductivity, insulation PVC type A or C, flame retardant as per IS 10810-53, better amperage rating as per VDE 0298 part 4, in existing surface or recessed PVC/ MS conduit/casing capping including all as per pre approved by Engineer in charge, making connections, etc. as required. OEM Must have its own in house NABL lab setup for all testing facilities for wires. For additional technical parameters	4	Nos	8035.00	Each	32140.00
E181700 E181700 E181700 E181703 E040100	printing on die cast housing to allow traceability/authenticity. Fixture shall be IS 10.32.2 Complianced OEM Must have its own in house MAPL lab catum for all High Power LED Flood Light 70W High Power LED Flood Light 100W 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. 32 mm Dia Supplying and drawing FR PVC insulated & unsheathed flexible copper conductor as per PWD specification for electrical Works with ISI marked (IS:694) and as per IS 8130: 2013 of 1.1 kV grade. Wire should be made from 99.99% purity copper, class 5 stranding in acc. to IEC 60228 for lower watt loss, oxygen free (<10 ppm) for less chances of oxidization and higher silver content for gives better conductivity, insulation PVC type A or C, flame retardant as per IS 10810-53, better amperage rating as per VDE 0298 part 4, in existing surface or recessed PVC/ MS conduit/casing capping including all as per pre approved by Engineer in charge, making connections, etc. as required. OEM Must have its own in house	4	Nos	8035.00	Each	32140.00

	Providing & Laying P.V.C. / XLPE insulated & P.V.C. sheathed Un armoured / Armoured aluminium cable of LLEVy and a gent PWD specification for electrical					
	Armoured aluminium cable of 1.1 KV grade as per PWD specification for electrical Works in existing PCC (11)					
	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					
	100 armouning of cables in armoured cable items. IC 5021 for sheath IS 10810 (Part)					
	10 04) for testing procedures		1 1			
	(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		1 1			
	test certificate / OEM test report shall be submitted . All above as per pre approved		1 1			
	by Engineer in charge. For additional technical parameters of products/ work, refer				+ +	
E110130	Atthoured Cable				+	
E110133	10.0 Sq.mm				RM	16800.
E110133	4 core	150	Mtr.	112.00	Rivi	249070.

XEN(Elect)

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



Jodhpur Municipal Corporation (South), Jodhpur Suppyling and fixing of SHM and LED's in ward 62,70 and 71 in jodhpur (south)

				("G" So	E	AMOUNT
. CODEn	Schedule)	Q	TY.	10.55		
1 E180500	Supply and PARTICULARS PARTICULARS	3				
	Try and election of M.S. Galvanizad Octaoanal note (as per BSEN 40-3-3-3-3-3-3-3-3-3-3-3-3-3-3-3-3-3-3-3					
	10025/IS 2062 IS 875 Part-1 - 2015/ for MS plate for base Hange Jo	"				
	following length and dimension as partable D.O.L with base plate on the cemen	111				
	concrete foundation of M-20 grade (1:1.5:3) as per IS 456/IS 2911, with the help o	of				
	anchor holts of grade (1:1.5:3) as per IS 456/IS 2911, with the stage flust	h				
	anchor bolts of grade 6.8 (IS: 1367 P III). The pole shall have a weatherproof flust					
	door and locking arrangements complete in all seement. All as per pre approved by	У				
	Engineer in charge For additional to the seaducte work, felch	r				
-	Annexure "A" attached with this BSR		-			
E180510	Octagonal MS Poles with this BSR	0		1 4 1 1 1		
	Octagonal MS Poles made of S-355JO grade steel sheet, folded lengthwise to	4			+ 1	
	Totalied Octagonal shape, having single longitudinal seam weld and hot dipped	4				
	galvanised internally & externally in accordance with IS 2629. (See Table P -01 for	Г				26416.00
	specs.)		_	13208.00	Each	20410.00
E180515	7 Mtr.	2	Nos	13200,0		
E180600						
1510000	Supply, Erection and Fixing of hot dipped galvanised M.S. Overhang (48.3 X 3.25					
	min) with cap (400 x 88.9 / 114.3 x 3.25 mm) over the existing poles. All as per pre-	-	11			
	approved by Engineer in charge. For additional technical parameters of products/	/				
	Work refer Appearer "A" and the additional technical parameters of param			1603.00	Each	6412.00
E180602	work , refer Annexure "A" attached with this BSR . Double arm overhang	4	Nos	1603.00	Luci	
	Dodole arm overnang					
E181300	Providing & Fixing of IK07 IP 66 protected LED Street Light Luminaire on existing	S .		- 11		
	bracket/pole. Fixture made of powder coated single piece pressure die cast aluminum					
1	I M6/ ADC12					
	LM6/ ADC12 material with heat dissipation fins on housing with UV stabilized					
	PC/Toughened Glass cover (UV stablization 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					
	noted 8. Leader of the William Fligh 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				1	
	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 Town 50 to 450 to 150 to 1500 to 150					
	to 90% RH Working Temp -5C to 45C. driver current <1000mA shown in LM79					
	report. The luminaire shall be BIS				1 1	
	certified and T.C. certified. Life Expectancy Equal or more than 50000 burning hrs					
	with Minimum 70% lumen maintened ,color Rendering Index >70 and CCT 5700K					
	255V Comment of the little maintened , color Rendering index >70 and ecc.					
	+355K. Surge protection shall be min ≥ 4 KV internal and min 10 KV external.				1	
	driver should be Phase to phase protection of 440 V for 4 Hrs. Manufactures Word		1		1	
	Mark/Name Engraved/Embossing on die cast housing to allow				1 1	
	and the case of th				1 3	
	traceability/authenticity. Fixture shall be AS PER IS 10322 Complianced.				F. 1	251085.00
E181303	LED Street Light fixture 45 Watt	57	Nos	4405.00	Each	
		40	Nos	5250.00	Each	210000.00
E181305	LED street light fixture 70 watt	40	1402	5250.00		
E181200	Providing & Fixing of IK07 IP-66 protected high power LED flood light system with					
3.01200	Descript discort also in the protected high power ELD noon high system than					
	Pressure diecast aluminium housing LM6/ ADC12 material , toughened glass					
	diffuser with suitable lenses on LED to achieve various beam angles, 240 volt, 50Hz,					
	of high power LED lamps . Integrated driver must be potted & has a unique BIS R			*		
	number shall be high efficiency having efficiency more than 85 % and in compliance					
3 11	Die of the land of					
	to BIS certified and T.C. certificate. The System level Luminaire efficacy >=120 lm/					
	wt with High Power LEDs is to be used . LED driver Input Voltage AC 120 to 270 V					
	AC with High voltage Cutoff @>=300 V AC and Auto resetting Safety . Input					
1 , 4	The will right votage cuton (a) -300 v Ac and Auto resetting safety. Input					
	Frequency 50Hz±3%, Power Factor >0.95 ,driver Efficiency >85% , THD(I) <10% ,					
	driver current <1000mA shown in LM79 report, driver should be Phase to phase					
	protection of 440 V for 4 Hrs. Electrical Connector Must be provided, Surge					
	Protection Min >=4KV internal					
	and 10KV external, System life of 30000 Burning hours with 70% of Initial Lumens					
	maintained, color Rendering Index >70 and CCT 5700K ±355K. Driver current					
	<1000mA shown in LM79 report. Manufactures Word Mark/Name					
	Engraved/Embossing/Screen					
	printing on die cast housing to allow traceability/authenticity. Fixture shall be IS					
	10222 Complianced OEM Must have its own in house MARI Joh setup for all	U		DESCRIPTION OF		
E181205	LED street light fixture 100 watt	8	Nos	8035.00	Each	64280.00
	Providing & Fixing of Street light bracket made out from following size of 'B' class,					.20,00
	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"					
	in charge. For additional technical parameters of products/ work , refer Annexure "A"					
E181700	in charge. For additional technical parameters of products/ work , refer Annexure "A" attached with this BSR .					
E181700	in charge. For additional technical parameters of products/ work , refer Annexure "A" attached with this BSR . 32 mm Dia	97	Mtr	279.00	RM	27063.00
E181700 E181703 E040100	in charge. For additional technical parameters of products/ work, refer Annexure "A" attached with this BSR. 32 mm Dia Supplying and drawing FR PVC insulated & unsheathed flexible copper conductor as	97	Mtr	279.00	RM	27063.00
E181700 E181703 E040100	in charge. For additional technical parameters of products/ work, refer Annexure "A" attached with this BSR. 32 mm Dia Supplying and drawing FR PVC insulated & unsheathed flexible copper conductor as	97	Mtr	279.00	RM	27063.00
E181700 E181703 E040100	in charge. For additional technical parameters of products/ work, refer Annexure "A" attached with this BSR. 32 mm Dia Supplying and drawing FR PVC insulated & unsheathed flexible copper conductor as per PWD specification for electrical Works with ISI marked (IS:694) and as per ISI	97	Mtr	279.00	RM	27063.00
E181700 E181703 E040100	in charge. For additional technical parameters of products/ work, refer Annexure "A" attached with this BSR. 32 mm Dia Supplying and drawing FR PVC insulated & unsheathed flexible copper conductor as per PWD specification for electrical Works with ISI marked (IS:694) and as per IS 8130: 2013 of 1.1 kV grade. Wire should be made from 99.99% purity copper, class	97	Mtr	279.00	RM	27063.00
E181700 E181703 E040100	in charge. For additional technical parameters of products/ work, refer Annexure "A" attached with this BSR. 32 mm Dia Supplying and drawing FR PVC insulated & unsheathed flexible copper conductor as per PWD specification for electrical Works with ISI marked (IS:694) and as per IS 8130: 2013 of 1.1 kV grade. Wire should be made from 99.99% purity copper, class 5 stranding in acc. to IEC 60228 for lower watt loss, oxygen free (< 10 ppm) for less	97	Mtr	279.00	RM	27063.00
E181700 E181703 E040100	in charge. For additional technical parameters of products/ work, refer Annexure "A" attached with this BSR. 32 mm Dia Supplying and drawing FR PVC insulated & unsheathed flexible copper conductor as per PWD specification for electrical Works with ISI marked (IS:694) and as per IS 8130: 2013 of 1.1 kV grade. Wire should be made from 99.99% purity copper, class 5 stranding in acc. to IEC 60228 for lower watt loss, oxygen free (< 10 ppm) for less	97	Mtr	279.00	RM	27063.00
E181700 E181703 E040100	in charge. For additional technical parameters of products/ work, refer Annexure "A" attached with this BSR. 32 mm Dia Supplying and drawing FR PVC insulated & unsheathed flexible copper conductor as per PWD specification for electrical Works with ISI marked (IS:694) and as per IS 8130:2013 of 1.1 kV grade. Wire should be made from 99.99% purity copper, class 5 stranding in acc. to IEC 60228 for lower watt loss, oxygen free (<10 ppm) for less chances of oxidization and higher silver content for gives better conductivity.	97	Mtr	279.00	RM	27063.00
E181700 E181703 E040100	in charge. For additional technical parameters of products/ work, refer Annexure "A" attached with this BSR. 32 mm Dia Supplying and drawing FR PVC insulated & unsheathed flexible copper conductor as per PWD specification for electrical Works with ISI marked (IS:694) and as per IS 8130:2013 of 1.1 kV grade. Wire should be made from 99.99% purity copper, class 5 stranding in acc. to IEC 60228 for lower watt loss, oxygen free (<10 ppm) for less chances of oxidization and higher silver content for gives better conductivity, insulation PVC type A or C. flame retardant as per IS 10810-53, better amperage.	97	Mtr	279.00	RM	27063.00
E181700 E181703 E040100	in charge. For additional technical parameters of products/ work, refer Annexure "A" attached with this BSR. 32 mm Dia Supplying and drawing FR PVC insulated & unsheathed flexible copper conductor as per PWD specification for electrical Works with ISI marked (IS:694) and as per IS 8130:2013 of 1.1 kV grade. Wire should be made from 99.99% purity copper, class 5 stranding in acc. to IEC 60228 for lower watt loss, oxygen free (<10 ppm) for less chances of oxidization and higher silver content for gives better conductivity, insulation PVC type A or C. flame retardant as per IS 10810-53, better amperage rating as per VDE 0298 part 4, in existing surface or recessed PVC/ MS	97	Mtr	279.00	RM	27063.00
E181700 E181703 E040100	in charge. For additional technical parameters of products/ work, refer Annexure "A" attached with this BSR. 32 mm Dia Supplying and drawing FR PVC insulated & unsheathed flexible copper conductor as per PWD specification for electrical Works with ISI marked (IS:694) and as per IS 8130:2013 of 1.1 kV grade. Wire should be made from 99.99% purity copper, class 5 stranding in acc. to IEC 60228 for lower watt loss, oxygen free (<10 ppm) for less chances of oxidization and higher silver content for gives better conductivity, insulation PVC type A or C. flame retardant as per IS 10810-53, better amperage rating as per VDE 0298 part 4, in existing surface or recessed PVC/ MS	97	Mtr	279.00	RM	27063.00
E181700 E181703 E040100	in charge. For additional technical parameters of products/ work, refer Annexure "A" attached with this BSR. 32 mm Dia Supplying and drawing FR PVC insulated & unsheathed flexible copper conductor as per PWD specification for electrical Works with ISI marked (IS:694) and as per IS 8130:2013 of 1.1 kV grade. Wire should be made from 99.99% purity copper, class 5 stranding in acc. to IEC 60228 for lower watt loss, oxygen free (<10 ppm) for less chances of oxidization and higher silver content for gives better conductivity, insulation PVC type A or C, flame retardant as per IS 10810-53, better amperage rating as per VDE 0298 part 4, , in existing surface or recessed PVC/ MS conduit/casing capping including all as per pre approved by Engineer in	97	Mtr	279.00	RM	27063.00
E181700 E181703 E040100	in charge. For additional technical parameters of products/ work, refer Annexure "A" attached with this BSR. 32 mm Dia Supplying and drawing FR PVC insulated & unsheathed flexible copper conductor as per PWD specification for electrical Works with ISI marked (IS:694) and as per IS 8130:2013 of 1.1 kV grade. Wire should be made from 99.99% purity copper, class 5 stranding in acc. to IEC 60228 for lower watt loss, oxygen free (<10 ppm) for less chances of oxidization and higher silver content for gives better conductivity, insulation PVC type A or C, flame retardant as per IS 10810-53, better amperage rating as per VDE 0298 part 4, in existing surface or recessed PVC/ MS conduit/casing capping including all as per pre approved by Engineer in charge, making connections, etc. as required. OEM Must have its own in house.	97	Mtr	279.00	RM	27063.00
E181700 E181703 E040100	in charge. For additional technical parameters of products/ work, refer Annexure "A" attached with this BSR. 32 mm Dia Supplying and drawing FR PVC insulated & unsheathed flexible copper conductor as per PWD specification for electrical Works with ISI marked (IS:694) and as per IS 8130:2013 of 1.1 kV grade. Wire should be made from 99.99% purity copper, class 5 stranding in acc. to IEC 60228 for lower watt loss, oxygen free (<10 ppm) for less chances of oxidization and higher silver content for gives better conductivity, insulation PVC type A or C, flame retardant as per IS 10810-53, better amperage rating as per VDE 0298 part 4, , in existing surface or recessed PVC/ MS conduit/casing capping including all as per pre approved by Engineer in charge,making connections, etc. as required. OEM Must have its own in house NABL lab setup for all testing facilities for wires. For additional technical parameters	97	Mtr	279.00	RM	27063.00
E181700 E181703 E040100	in charge. For additional technical parameters of products/ work, refer Annexure "A" attached with this BSR. 32 mm Dia Supplying and drawing FR PVC insulated & unsheathed flexible copper conductor as per PWD specification for electrical Works with ISI marked (IS:694) and as per IS 8130:2013 of 1.1 kV grade. Wire should be made from 99.99% purity copper, class 5 stranding in acc. to IEC 60228 for lower watt loss, oxygen free (<10 ppm) for less chances of oxidization and higher silver content for gives better conductivity, insulation PVC type A or C, flame retardant as per IS 10810-53, better amperage rating as per VDE 0298 part 4, , in existing surface or recessed PVC/ MS conduit/casing capping including all as per pre approved by Engineer in	97	Mtr	279.00	RM	27063.00
E181700 E181703 E040100	in charge. For additional technical parameters of products/ work, refer Annexure "A" attached with this BSR. 32 mm Dia Supplying and drawing FR PVC insulated & unsheathed flexible copper conductor as per PWD specification for electrical Works with ISI marked (IS:694) and as per IS 8130:2013 of 1.1 kV grade. Wire should be made from 99.99% purity copper, class 5 stranding in acc. to IEC 60228 for lower watt loss, oxygen free (<10 ppm) for less chances of oxidization and higher silver content for gives better conductivity, insulation PVC type A or C, flame retardant as per IS 10810-53, better amperage rating as per VDE 0298 part 4, , in existing surface or recessed PVC/ MS conduit/casing capping including all as per pre approved by Engineer in charge,making connections, etc. as required. OEM Must have its own in house NABL lab setup for all testing facilities for wires. For additional technical parameters	97	Mtr	279.00	RM	27063,00
E181700 E181703 E040100	in charge. For additional technical parameters of products/ work, refer Annexure "A" attached with this BSR. 32 mm Dia Supplying and drawing FR PVC insulated & unsheathed flexible copper conductor as per PWD specification for electrical Works with ISI marked (IS:694) and as per IS 8130:2013 of 1.1 kV grade. Wire should be made from 99.99% purity copper, class 5 stranding in acc. to IEC 60228 for lower watt loss, oxygen free (<10 ppm) for less chances of oxidization and higher silver content for gives better conductivity, insulation PVC type A or C, flame retardant as per IS 10810-53, better amperage rating as per VDE 0298 part 4, , in existing surface or recessed PVC/ MS conduit/casing capping including all as per pre approved by Engineer in charge,making connections, etc. as required. OEM Must have its own in house NABL lab setup for all testing facilities for wires. For additional technical parameters	97	Mtr	279.00	RM	27063.00

110100	Providing & Laying P.V.C. / XLPE insulated & P.V.C. sheathed Un armoured / Armoured aluminium cable of LLEV goods as not PWD encoding the placetrical					
	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					
	 1/1S: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 					
E110130	Amoured Cable					
	6.00 Sq.mm	UI TITE S		71.00	RM	4260.00
	2 core	60	Mtr.	/1.00		1700.0
E110133	10.0 Sq.mm			112.00	RM	6720.0
E110133	4 core	60	Mtr.	112.00		606236.

VEN(Elect)

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

Sign of Contractor

TATEL TOWNS TOWNS I

Jodhpur Municipal Corporation (South), Jodhpur Name of Suppyling and fixing of SHM and LED's in ward 63,65,67,68, and 76 in jodhpur (south)

RUIDP-2022

CODEno E180500	Schedule	incress !		RATE		
	20.1 20.001	QTY.		10.		
	Supply and erection of M.S. Galvanized Octagonal pole (as per BSEN 40-3-3:2003 /BSEN 10025/IS 2062 IS:875 Part-1 – 2015/ for MS plate for base flange) of					
	following length and dimension as pertable P-01 with base plate on the cement concrete foundation of M-20 grade (1:1.5:3) as per IS 456/IS 2911, with the help of					
	anchor bolts of grade 6.8 (IS: 1367 P III). The pole shall have a weatherproof flush door and locking arrangements, 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		-			
	Octagonal MS Poles made of S-355JO grade steel sheet, folded lengthwise to obtained Octagonal shape, having single longitudinal seam weld and hot dipped galvanised internally & externally in accordance with IS 2629. (See Table P -01 for					13208.00
	specs.)	1	Nos	13208.00	Each	13200.00
	7 Mtr. Supply, Erection and Fixing of hot dipped galvanised M.S. Overhang (48.3 X 3.25)	1				
	mm) with cap (400 x 88.9 / 114.3 x 3.25 mm) over the existing poles. All as per pre approved by Engineer in charge. For additional technical parameters of products/					3206.00
	work, refer Annexure "A" attached with this BSR.	2	Nos	1603.00	Each	32001
E180602	Double arm overhang	-	1,02			
	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 stabilization 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 ,color Rendering 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.	58	Nos	4405.00	Each	255490.00
E181303	LED Street Light fixture 45 Watt	67	Nos	5250.00	Each	351750.00
E181305	LED street light fixture 70 watt Providing & Fixing of IK07 IP-66 protected high power LED flood light system with					
	Pressure diecast aluminium housing LM6/ ADC12 material, toughered glass diffuser with suitable lenses on LED to achieve various beam angles, 240 volt, 50Hz, of high power LED lamps. Integrated driver must be potted & has a unique BIS R number shall be high efficiency having efficiency more than 85 % and in compliance to BIS certified and T.C. certificate. The System level Luminaire efficacy >=120 lm/ wt with High Power LEDs is to be used. LED driver 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%, driver current <1000mA shown in LM79 report. driver should be Phase to phase protection of 440 V for 4 Hrs. Electrical Connector Must be provided, Surge Protection Min >=4KV internal and 10KV external, System life of 30000 Burning hours with 70% of Initial Lumens maintained, color Rendering Index >70 and CCT 5700K ±355K. Driver current <1000mA shown in LM79 report. Manufactures Word Mark/Name Engraved/Embossing/Screen printing on die cast housing to allow traceability/authenticity. Fixture shall be IS		No	8035 00	Eagle	32140.00
	r rrp 4 4 E-let finture 100 Wall	4	Nos	8035.00	Each	32140.00
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.		26	270.00	Pro	22225
	an D'	115	Mtr	279.00	RM	32085.00
E040100	Supplying and drawing FR PVC insulated & unsheathed flexible copper conductor as Supplying and drawing FR PVC insulated & unsheathed flexible copper conductor as per PWD specification for electrical Works with ISI marked (IS:694) and as per IS 8130:2013 of 1.1 kV grade. Wire should be made from 99.99% purity copper, class 5 stranding in acc. to IEC 60228 for lower watt loss, oxygen free (<10 ppm) for less chances of oxidization and higher silver content for gives better conductivity, insulation PVC type A or C ,flame retardant as per IS 10810-53, better amperage rating as per VDE 0298 part 4, in existing surface or recessed PVC/ MS conduit/casing capping including all as per pre approved by Engineer in charge,making connections, etc. 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.					
	of products/ work, refer Afficeate 77 attaches with the			2 2 2 2 2 2		

	Providing & Laying P.V.C. / XLPE insulated & P.V.C. sheathed Un armoured / 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) 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					
E110130	Annexure "A" attached with this BSR					
	Armoured Cable	The second		71.00	RM	4970.00
	6.00 Sq.mm	70	Mtr.	/1.00		
	2 core	-/-		- 20	RM	7840.00
E110133	10.0 Sq.mm	70	Mtr.	112.00	1.57	709564.0
E110133	4 core	70	11221		-	

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

Signature of Contractor

A MARINE MARINE AND



Jodhpur Municipal Corporation (South), Jodhpur Suppyling and fixing of SHM and LED's in ward 40,43 and 45 in jodhpur (south)

Name of RUIDP-2022

n. CODEno	Schedule			("G" Sch		AMOUNT
1 E180500		QT	Υ.	RATE	-	AMOUNT
	/BSEN 10025/IS 2062 IS:875 Part-1 – 2015/ for MS plate for base flange) of following length and dimension as pertable P-01 with base plate on the cement anchor bolts of grade 6.8 (IS: 1367 P III). The pole shall have a weatherproof flush Engineer in charge. For additional complete in all respect. All as per pre approved by	V.				
E180510	Annexure "A" attached with this BSR. Octagonal MS Poles made of \$2.3510					
	obtained Octagonal shape, having single longitudinal seam weld and hot dipped galvanised internally & externally in accordance with IS 2629. (See Table P -01 for specs.)					- 1 (18) (18) (18) (18) (18) (18) (18) (1
E180515	7 Mtr.		21	13208.00	Each	79248.00
2 E180600	Supply, Erection and Fixing of hot dipped galvanised M.S. Overhang (48.3 X 3.25 mm) with cap (400 x 88.9 / 114.3 x 3.25 mm) over the existing poles. All as per pre	6	Nos	13200.00		
E180602	work, refer Annexure "A" attached with this BSR. Double arm overhang	12	Nos	1603.00	Each	19236.00
3 E181300	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 ,color Rendering 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					
	additional technical parameters of products/ work, feler Annexure. A attached with			1105.00	Feels	44050.00
E181303	LED Street Light fixture 45 Watt	10	Nos ·	4405.00	Each	194250.00
E181305	LED street light fixture 70 watt	37	Nos	5250.00	Each	194250.00
4 E181200	Providing & Fixing of IK07 IP-66 protected high power LED flood light system with Pressure diecast aluminium housing LM6/ ADC12 material, toughened glass diffuser with suitable lenses on LED to achieve various beam angles, 240 volt, 50Hz,					
	of high power LED lamps. Integrated driver must be potted & has a unique BIS R number shall be high efficiency having efficiency more than 85 % and in compliance to BIS certified and T.C. certificate. The System level Luminaire efficacy >=120 lm/ wt with High Power LEDs is to be used. LED driver 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%, driver current <1000mA shown in LM79 report. driver should be Phase to phase protection of 440 V for 4 Hrs. Electrical Connector Must be provided, Surge Protection Min >=4KV internal and 10KV external, System life of 30000 Burning hours with 70% of Initial Lumens maintained, color Rendering Index >70 and CCT 5700K ±355K. Driver current <1000mA shown in LM79 report. Manufactures Word Mark/Name Engraved/Embossing/Screen printing on die cast housing to allow traceability/authenticity. Fixture shall be IS		V	9024.00		
E181205	number shall be high efficiency having efficiency more than 85 % and in compliance to BIS certified and T.C. certificate. The System level Luminaire efficacy >=120 lm/ wt with High Power LEDs is to be used. LED driver 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%, driver current <1000mA shown in LM79 report. driver should be Phase to phase protection of 440 V for 4 Hrs. Electrical Connector Must be provided, Surge Protection Min >=4KV internal and 10KV external, System life of 30000 Burning hours with 70% of Initial Lumens maintained, color Rendering Index >70 and CCT 5700K ±355K. Driver current <1000mA shown in LM79 report. Manufactures Word Mark/Name Engraved/Embossing/Screen printing on die cast housing to allow traceability/authenticity. Fixture shall be IS	24	Nos	8035,00	Each	192840.00
5 E18170	number shall be high efficiency having efficiency more than 85 % and in compliance to BIS certified and T.C. certificate. The System level Luminaire efficacy >=120 lm/ wt with High Power LEDs is to be used. LED driver 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%, driver current <1000mA shown in LM79 report. driver should be Phase to phase protection of 440 V for 4 Hrs. Electrical Connector Must be provided, Surge Protection Min >=4KV internal and 10KV external, System life of 30000 Burning hours with 70% of Initial Lumens maintained, color Rendering Index >70 and CCT 5700K ±355K. Driver current <1000mA shown in LM79 report. Manufactures Word Mark/Name Engraved/Embossing/Screen printing on die cast housing to allow traceability/authenticity. Fixture shall be IS LED street light fixture 100 watt 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.	24	Nos	8035.00	Each	
5	number shall be high efficiency having efficiency more than 85 % and in compliance to BIS certified and T.C. certificate. The System level Luminaire efficacy >=120 lm/ wt with High Power LEDs is to be used. LED driver 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%, driver current <1000mA shown in LM79 report. driver should be Phase to phase protection of 440 V for 4 Hrs. Electrical Connector Must be provided, Surge Protection Min >=4KV internal and 10KV external, System life of 30000 Burning hours with 70% of Initial Lumens maintained, color Rendering Index >70 and CCT 5700K ±355K. Driver current <1000mA shown in LM79 report. Manufactures Word Mark/Name Engraved/Embossing/Screen printing on die cast housing to allow traceability/authenticity. Fixture shall be IS LED street light fixture 100 watt 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. 32 mm Dia					192840.00
5 E18170	number shall be high efficiency having efficiency more than 85 % and in compliance to BIS certified and T.C. certificate. The System level Luminaire efficacy >=120 lm/ wt with High Power LEDs is to be used. LED driver 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%, driver current <1000mA shown in LM79 report. driver should be Phase to phase protection of 440 V for 4 Hrs. Electrical Connector Must be provided, Surge Protection Min >=4KV internal and 10KV external, System life of 30000 Burning hours with 70% of Initial Lumens maintained, color Rendering Index >70 and CCT 5700K ±355K. Driver current <1000mA shown in LM79 report. Manufactures Word Mark/Name Engraved/Embossing/Screen printing on die cast housing to allow traceability/authenticity. Fixture shall be IS LED street light fixture 100 watt 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.					

E110130	Providing & Laying P.V.C. / XLPE insulated & P.V.C. sheathed Un armoured 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 = 1 (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 Annacyme "A" attached with thic RSP Armoured Cable					
	6.00 Sq.mm				RM	10650.00
	2 core	150	Mtr.	71.00	Kivi	10050.00
E110133	10.0 Sq.mm	150			-	16900.00
E110133	4 core	150	Mtr.	112.00	RM	16800.00
		130	IVIU.			580687.00

XEN(Elect)

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



("G" Schedule)

Name of work:-

E040102 2 x 1.5 sq.mm

Supply and fixing of LED Light at ward no. 38,41,52 and 57 of JMC south.

AMOUNT RUIDP SOR 2022 RATE Schedule OTY. CODEno PARTICULARS S.n. 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 E181300 70% lumen maintened ,color Rendering 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. 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 158580.00 4405.00 Each Annexure "A" attached with this BSR 446250.00 Nos 36 Each 5250.00 LED Street Light fixture 45 Watt E181303 Nos LED street light fixture 70 Watt E181305 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 E181700 2 by Engineer in charge. For additional technical parameters of products/ work 33759.00 RM 279.00 refer Annexure "A" attached with this BSR Mtr 121 Supplying and drawing FR PVC insulated & unsheathed flexible copper conductor E181703 32 mm Dia as per PWD specification for electrical Works with ISI marked (IS:694) and as per IS 8130: 2013 of 1.1 kV grade. Wire should be made from 99.99% purity copper, class 5 stranding in acc. to IEC 60228 for lower watt loss, oxygen free (<10 ppm) for less chances of oxidization and higher silver content for gives better conductivity, insulation PVC type A or C, flame retardant as per IS 10810-53, better amperage rating as per VDE 0298 part 4, , in E040100 3 existing surface or recessed PVC/ MS conduit/casing capping including all as per pre approved by Engineer in charge, making connections, etc. 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 11250.00 RM 25.00 450 Mtr with this BSR

XEN(Elect)

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

Total (G-Schedule) Say

Signature of Contractor

649839.00



Name of work:-

Supply and fixing of LED Light at ward no. $\,78$, 80 of JMC south.

RUIDP SOR 2022

-	CODEno	Schedule			("G" Sc	hedule)
S.n.	CODENO	DA DEL CALL	QTY.		RATE		AMOUN
1	E181300	existing bracket/pole. Fixture made of powder coated single piece pressure die cas aluminum LM6/ ADC12 material with heat dissipation fins on housing with UV stabilized PC/Toughened Glass cover (UV stabilization report submitted for UV cover) and secondary lens on each LED & should be SMD type. The System leve driver must be potted & has a unique BIS R number with Input Voltage AC 120 to 270 V AC with High voltage Cyres.	n st /				
-	E181303	LED Street Light fixture 45 Worth			4405.00	Each	925050.00
2	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 by Engineer in charge For addition		Nos	4403.00		
	E181703	refer Annexure "A" attached with this BSR.				RM	58590.00
	E040100	Supplying and drawing FR PVC insulated & unsheathed flexible copper conductor as per PWD specification for electrical Works with ISI marked (IS:694) and as per IS 8130: 2013 of 1.1 kV grade. Wire should be made from 99.99% purity copper, class 5 stranding in acc. to IEC 60228 for lower watt loss, oxygen free (<10 ppm) for less chances of oxidization and higher silver content for gives better conductivity, insulation PVC type A or C, flame retardant as per IS 10810-53, better amperage rating as per VDE 0298 part 4, in existing surface or recessed PVC/ MS conduit/casing capping including all as per pre approved by Engineer in charge making accounts.		Mtr	279.00	137	
		Must have its own in house NABL lab setup for all testing facilities for wires. For 2 x 1.5 sq.mm	620	Mtr	25.00	RM	15500.00
		Total (G-Schedule)	020	IAITI	23.00		999140.00
Say							10 lakh

XEN(Elect)

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



Name of work:-

Supply and Erection of TP Poles at various location of South Zone (38 to 80) Jodhpur.

	Cabudat	("G"	Schedi	RATE		AMOUNT
n. CODEno	Schedule PARTICULARS	QT		RATE		
1 E180500	Supply and erection of M.S. Galvanized Octagonal pole (as per BSEN 40-3-3:2003 /BSEN 10025/IS 2062 IS:875 Part-1 – 2015/ for MS plate for base flange) of following length and dimension as pertable P-01 with base plate on the cement concrete foundation of M-20 grade (1:1.5:3) as per IS 456/IS 2911. with the help of anchor bolts of grade 6.8 (IS: 1367 P III). The pole shall have a weatherproof flush door and locking arrangements, 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.				,	
E180510	Octagonal MS Poles made of S-355JO grade steel sheet, folded lengthwise to					528320.00
E180515	obtained Octagonal shape, having single longitudinal seam weld and hot dipped 7 Mtr	40	Nos	13208.00	Each	328320.00
2 E180600	Supply, Erection and Fixing of hot dipped galvanised M.S. Overhang (48.3 X 3.25 mm) with cap (400 x 88.9 / 114.3 x 3.25 mm) over the existing poles. All as per pre approved by Engineer in charge. For additional technical parameters of products/ work , refer Annexure "A" attached with this BSR .	40		210.00	Each	9100.00
E180601	Single arm overhang	10	Nos	910.00 1603.00	Each	48090.00
E180602	Double arm overhang	30	Nos	1603.00		
3 E181300	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 stabilized provided 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 Autoresetting 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 ,color Rendering 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 rotection of 440 V for 4 Hrs. Manufactures Word Mark/Name raved/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 .	80	Nos	5250.00	Each	420000.00
	LED street light fixture 70 watt	80	Nos	3230.00	Lacii	420000.00
	Supplying and drawing FR PVC insulated & unsheathed flexible copper conductor as per PWD specification for electrical Works with ISI marked (IS:694) and as per IS 8130: 2013 of 1.1 kV grade. Wire should be made from 99.99% purity copper, class 5 stranding in acc. to IEC 60228 for lower watt loss, oxygen free (<10 ppm) for less chances of oxidization and higher silver content for gives better conductivity, insulation PVC type A or C, flame retardant as per IS 10810-53, better amperage rating as per VDE 0298 part 4, in existing surface or recessed PVC/ MS conduit/casing capping including all as per pre approved by Engineer in charge, making connections, etc. 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.	400	Mtr.	25.00	DM	10000
E040102	2 x 1.5 sq.mm	400	ivitr.	25.00	RM	10000.00
E190300	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	T cross arm 600 mm long with clamp	40	Nos	285.00	Each	11400.00
,	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					
8	approved by Engineer in charge. For additional technical parameters of products/ work, refer Annexure "A" attached with this BSR.					

7 E110100	Providing & Lavina B.V.C.							
	Providing & Laying P.V.C. / XLPE insulated & P.V.C. sheathed Un armoured / 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) 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				+			
E110133	10.0 Sq.mm				RM	112000.00		
E110133	4 core	1000	Mtr.	112.00	KIVI			
E110130	Armoured Cable	1.05			+	71000.00		
E110132	6.00 Sq.mm			71.00	RM	1213570.00		
E110132	2 core	1000	Mtr.	/1.00		12.14 lac		
	TOTAL G Schedule							