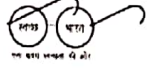




# जोधपुर नगर निगम, (दक्षिण)



पोलोटैक्निक कॉलेज परिसर, रेजीडेन्सी रोड, जोधपुर  
E-Mail-nnjelectrical@gmail.com

क्रमांक:-सं./एफ-~~2223~~/कार्य/2024/RL-13649

दिनांक:- 19/02/2024

ई- निविदा सूचना क्रमांक RL-13643 दिनांक 19/02/2024

UBN No. DLB2324WSOB32457

जोधपुर नगर निगम द्वारा इच्छुक कार्यो के अनुभवी योग्यताधारी विधुत लाईसेन्सधारी संवेदको/अभियंता एंव नगर निगम में पंजीकृत नियमानुसार E-EWSD श्रेणी संवेदको या अन्य विभाग में पंजीकृत (E-EWSD-I) संवेदक से 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](http://www.eproc.raj.in) अथवा [www.sppp.raj.nic.in](http://www.sppp.raj.nic.in) अथवा [www.lsg.rajasthan.gov.in/mcjs](http://www.lsg.rajasthan.gov.in/mcjs) पर देखी जा सकती है।

(डॉ. टी शुभमंगला)

I.A.S

आयुक्त

नगर निगम जोधपुर (दक्षिण)

दिनांक:- 19/02/2024

क्रमांक:-सं./एफ-~~2223~~/कार्य/2024/RL-13650 to 13654  
प्रतिलिपि

1. राजस्थान संवाद जयपुर को भेजकर लेख है कि आगामी अंक में एक मुख्य क्षेत्रीय दैनिक समाचार पत्र और पचास हजार या इससे अधिक प्रतियों के परिचालन वाला एक राज्य स्तरीय मुख्य दैनिक समाचार पत्र में प्रकाशित कर बिल भुगतान हेतु प्रस्तुत करे।
2. बिल लिपिक, नगर निगम, जोधपुर (दक्षिण)।
3. ओसवाल डाटा जोधपुर। इस निविदा [www.sppp.raj.nic.in](http://www.sppp.raj.nic.in) को निगम वेब साईट पर अपलोड करावे।
4. मैसर्स इलीट मंत्रा, MCJS वेब साईट पर अपलोड करावें।
5. नोटिस बोर्ड नगर निगम जोधपुर।

आयुक्त

नगर निगम जोधपुर (दक्षिण)

Signature valid

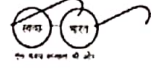
RajKaj Ref  
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Shubhamangala  
Designation : Commissioner  
Date: 2024.02.19 12:20:05 IST  
Reason: Approved



# जोधपुर नगर निगम, (दक्षिण)



पोलोटेक्निक कॉलेज परिसर, रेजीडेन्सी रोड, जोधपुर  
E-Mail-nnjelectrical@gmail.com

क्रमांक:-सं./एफ ...../कार्य/2024/RL-13643

दिनांक:- 19/02/2024

ई- निविदा सूचना

UBN No DLB2324WSOB32457

जोधपुर नगर निगम दक्षिण द्वारा इच्छुक समान्तर कार्यो के अनुभवी/योग्यताधारी, विद्युत लाईसेन्सधारी संवेदको, नगर निगम में पंजीकृत नियमानुसार श्रेणी संवेदको, अन्य विभाग में पंजीकृत संवेदक (E-EWSD-I)से ऑन-लाईन "ई" टेण्डर प्रक्रिया से निगम शर्तो के अधीन निविदाये आमंत्रित की जाती है। निविदा की शर्ते लेखा नियमानुसार रहेगी।

क्र. सं.	कार्य का नाम	अनुमानित लागत (लाख)	अमानत राशि	ई-टेण्डर प्रोसेसिंग शुल्क (MD RISL)	निविदा प्रपत्र शुल्क	कार्य करने की अवधि
1	Renovation and Electrical work at waterfall at Chidiya Nath ji (Kaylana lake) park.	7.00	14000	500.00	500.00	6 माह
2	Electrification and Façade light work at Chidiya Nath ji park (Kaylana lake) JMC South	9.00	18000	500.00	500.00	6 माह

ऑन लाईन निविदा फार्म मिलने व जमा कराने की दिनांक	दिनांक 21.02.24 से 04.03.24 तक
निविदा अपलोड करने की अन्तिम तिथि	दिनांक 04.03.24 सांय 6.00 बजे तक
निविदा के दस्तावेज कार्यालय में जमा कराने की दिनांक	दिनांक 05.03.24 अपराह्न 12.00 बजे तक
ऑन लाईन तकनीकी निविदा खोलने की दिनांक	दिनांक 05.03.24 अपराह्न 1.00 बजे तक

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

ई निविदा की महत्वपूर्ण शर्ते निम्नानुसार है:-

ई- निविदा प्रपत्रो को वेब साईट <http://eproc.rajasthan.gov.in> से अपलोड डाउनलोड किया जा सकता है। इन निविदाओ में भाग लेने वाले संवेदक निविदा को इलेक्ट्रॉनिक फारमेट में वेबसाईट <http://eproc.rajasthan.gov.in> पर जमा कराए।

- 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 डब्ल्यू एफ एण्ड एआर के नियमानुसार देय होगी। इसके अतिरिक्त सभी संवेदको से 2% अमानत राशि देय होगी। नगर निगम एवं अन्य विभाग में विद्युत पंजीकृत संवेदक को आदेशानुसार पंजीयन रिव्यू कराया जाना आवश्यक होगा, अन्यथा निविदा स्वीकार नहीं की जाएगी।
- संवेदक नगर निगम जोधपुर एवं अन्य राजकीय विभाग में जहाँ पर पंजीकृत हो उसका प्रमाण-पत्र संलग्न करना होगा, अन्यथा निविदा पर विचार नहीं किया जाएगा।
- तकनीकी निविदाये इलेक्ट्रॉनिक फारमेट में वेब साईट <http://eproc.rajasthan.gov.in> पर सम्बन्धित कार्यालयमें निर्धारित दिनांक 05.03.24 को अपराह्न 01.00 बजे तकनीकी बिड खोली जायेगी। तत्पश्चात् सफल संवेदको की वित्तीय बिड खोली जाएगी
- यदि किसी कारणवश उस दिन अवकाश रहता है,तो अगले दिन इसकी समीक्षा करती स्थान पर निविदाये खोली जायेगी।
- निविदा खोलने की तिथि को किसी कारणवश यदि साईट निविदा खोलने का कार्य नहीं हो पाया है,तो उसके अगले कार्य दिवस पर शेष निविदाएँ खोलने का कार्य जारी रखा जाएगा।

Signature valid

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Designation : Commissioner  
Date: 2024.02.19 12:20:05 IST  
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6. संवेदक द्वारा विगत तीन वर्षों में अनुमानित लागत राशि का 50% समान्तर कार्य न्यूनतम एक कार्य पूर्ण करने का अनुभव प्रमाण पत्र राजकीय विभाग अधिशाषी अभियन्ता या इनके समान्तर स्तर के अधिकारी का संलग्न करना होगा, अन्यथा निविदा मान्य नहीं होगी।
7. कार्यों के सम्मुख उपरोक्तानुसार वर्णित कार्यालय में संवेदक द्वारा दिनांक 21/2/24 से दिनांक 4/3/24 को किसी भी कार्य दिवस में 11.00 बजे पूर्वान्ह से 4.00 बजे अपरान्ह निविदा प्रपत्र को देखा जा सकता है अथवा वेबसाईट <http://eproc.rajasthan.gov.in> भी देखा जा सकता है, निविदा प्रपत्रों में निविदाकर्ता के लिए योग्यता सूचना तथा निविदाकर्ता की पात्रता, प्लान, स्पेशिफिकेशन, उपलब्ध है।
8. सभी दस्तावेजों को निविदा में अपलोड करना होगा।
9. निविदाकर्ता द्वारा निविदा शुल्क/धरोहर राशि डिमाण्ड ड्राफ्ट द्वारा अथवा निविदा प्रपत्रों में सम्बन्धित कार्यालय में जमा कराना आवश्यक है।
10. निविदा खोलने की दिनांक से 60 दिवस तक निविदा स्वीकृति हेतु मान्य रहेगी। यदि निविदाकर्ता उस अवधि में अपनी निविदा अथवा शर्तों में किसी प्रकार का संशोधन करता है अथवा अपनी निविदा वापस ले लेता है तो उसकी धरोहर राशि जब्त कर ली जायेगी।
11. यदि संवेदक का नजदीकी रिश्तेदार (प्रथम रक्त सम्बन्धी व उनके पति/पत्नि) इस कार्य से सम्बन्धित जोधपुर नगर निगम कार्यालय में कार्यरत लेखाकार अथवा तकनीकी स्तर का किसी पद पर पदस्थापित हो तो इस कार्य पर नियुक्त करने पर प्रतिबन्ध रहेगा।
12. राज्य सरकार में किसी भी अभियांत्रिकी विभाग में किसी भी इंजीनियर अथवा इंजीनियरिंग या प्रशासनिक कार्य पर नियुक्त राजपत्रित अधिकारी, राज्य सरकार की अनुमति के बिना सेवा निवृत्ति के 2 वर्ष तक संवेदक अथवा उसके कर्मचारी के रूप में कार्य नहीं कर सकेगा।
13. किसी निविदा को स्वीकार करने एवं बिना कारण बताये निरस्त करने के समस्त अधिकार सक्षम अधिकारी के पास सुरक्षित है। आर.पी.डब्ल्यू.ए-100 की समस्त शर्तें मान्य होगी।
14. निविदा प्रपत्र शुल्क व धरोहर राशि का डिमाण्ड ड्राफ्ट आयुक्त नगर निगम जोधपुर दक्षिण Payable जोधपुर होना चाहिए।
15. वित्त विभाग के आदेश अनुसार ई-टेन्डर प्रोसेसिंग शुल्क 50.00 लाख रुपये तक की राशि के कार्य के लिए 500/- व 50.00 लाख रुपये से अधिक एवं 100 लाख रु. तक की राशि के कार्य के लिए 1500/- व 100.00 लाख रुपये से अधिक एवं 500 लाख रु. तक की राशि के कार्य के लिए 2000/- व 500.00 लाख रुपये से अधिक की राशि के कार्य के लिए 2500/- रु की राशि निविदा शुल्क के अतिरिक्त देनी होगी जो डिमाण्ड या बैंकर चैक के रूप में देय होगी। यह डिमाण्ड ड्राफ्ट या बैंकर चैक MD,RISL, Jaipur payable at Jaipur होना चाहिए।
16. निविदा शुल्क निम्नानुसार निर्धारित है :-
 

50 लाख से कम अनुमानित लागत	- रुपये 500/-
50 लाख से 150 लाख तक अनुमानित लागत	- रुपये 1000/-
150 लाख से 400 लाख तक अनुमानित लागत	- रुपये 2000/-
400 लाख से अधिक अनुमानित लागत	- रुपये 5000/-
17. कार्य पूर्ण करने की अवधि में मानसून अवधि सम्मिलित है।
18. संवेदक को ऑनलाईन निविदा के साथ जीएसटी रजिस्ट्रेशन की प्रति लगाना आवश्यक होगा, अन्यथा निविदा पर विचार नहीं किया जाएगा।
19. यदि संवेदक के द्वारा कार्य पर लगाये जाने वाले श्रमिकों के मध्य कोई विवाद उत्पन्न होता है तो उसकी प्रबंधकीय जिम्मेदारी संवेदक की होगी उसके लिए उपापन संस्था का सक्षम प्राधिकारी न्यूनतम मजदूरी अधिनियम 1948 एवं राजस्थान अनुबंधित श्रमिका (नियमन एवं सम्मूलन) अधिनियम 1970 का पालन कराने का उत्तर दायित्व होगा एवं साथ ही संवेदक का पी.एफ. में निवेश करना होगा।
20. संवेदक को विगत 03 वर्ष का सी.ए. से प्रमाणित फॉर्म का 3 अंश प्रमाणित करना आवश्यक है, अन्यथा निविदा निरस्त कर दी जाएगी एवं विगत माह का जी.एस.टी. का प्रमाणित फॉर्म भी प्रस्तुत करना होगा।

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21. निविदा (क.सं. 01 से 08) में भाग लेने वाले संवेदक स्वयं की स्काई लिपट होना आवश्यक है जिसकी आर. सी. की कॉपी साथ में लगानी होगी या स्काई लिपट लीज (किराया) पर लेने की स्थिति में 12 माह का किराया नामा आर.सी. के साथ संलग्न करना होगा। अन्यथा निविदा निरस्त कर दी जाएगी। स्काई लिपट का उपयोग एक संवेदक द्वारा ही किया जाएगा। अन्यथा निविदा निरस्त कर दी जाएगी।
22. संवेदक द्वारा किए गए कार्य का बिल बनाकर प्रस्तुत करना होगा उसके पश्चात् ही भुगतान की कार्यवाही की जाएगी।
23. संवेदक को RUIDP -2023 के नियमानुसार Annexure A के अनुसार कार्य करवाना होगा, जिस पर होने वाला व्यय संवेदक द्वारा वहन किया जाएगा, निगम द्वारा इस संबंध में कोई भी राशि देय नहीं होगी।
24. ई-टेंडरिंग के लिए निविदादाता हेतु निर्देश:-
  - (अ) इन निविदाओं में दिलचस्पी लेने वाले निविदादाता निविदा प्रपत्रों का इन्टरनेटसाईट <http://eproc.rajasthan.gov.in> से डाउनलोड कर सकते हैं।
  - (ब) निविदाओं में भाग लेने वाले निविदादाताओं का इन्टरनेट साईट <http://eproc.rajasthan.gov.in> पर रजिस्टर करवाना होगा। ऑन लाईन निविदा में भाग लेने के लिए डिजिटल सर्टिफिकेट इनफोनेरमेशन टेक्नोलोजी एक्ट 2000 के तहत प्राप्त करना होगा जो इलेक्ट्रॉनिक निविदा में साइन करने हेतु काम आयेगा। निविदा दाता उपरोक्त डिजिटल सर्टिफिकेट सी.सी.ए द्वारा स्वीकृति एजेन्सी से प्राप्त कर सकते हैं। जिन निविदा दाताओं के पास पूर्व में वैध डिजिटल सर्टिफिकेट है, नया डिजिटल सर्टिफिकेट लेने की आवश्यकता नहीं है।
  - (स) निविदा दाताओं को निविदा प्रपत्र इलेक्ट्रॉनिक फॉर्मेट में उपरोक्त वेबसाईट पर डिजिटल सर्टिफिकेट साईन के साथ प्रस्तुत करना होगा, जिसके प्रस्ताव डिजिटल साईन के साथ नहीं होंगे, उनके प्रस्ताव स्वीकार नहीं किये जायेंगे। कोई भी प्रस्ताव अकेले भौतिक फॉर्म में स्वीकार्य नहीं होगा।
  - (द) ऑन लाईन निविदाएँ निर्धारण दिनांक एवं समय के अनुसार खोली जायेंगी।
  - (य) इलेक्ट्रॉनिक निविदा प्रपत्रों को जमा कराने से पूर्व निविदादाताओं यह सुनिश्चित कर लेवे की प्रपत्रों से सम्बन्धित सभी आवश्यक दस्तावेज की स्कैन कॉपी निविदा प्रपत्रों के साथ संलग्न कर दी गयी है।
  - (र) कोई भी टेन्डर ऑनलाईन जमा कराने में किसी कारण से लेट हो जाता है तो उसका जिम्मेवार विभाग नहीं होगा।
  - (ल) टेन्डर 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।

(डॉ. टी शुभमंगला)  
I.A.S

आयुक्त  
नगर निगम, (दक्षिण) जोधपुर।  
दिनांक :- 19/02/2024

क्रमांक:-सं./एफ ...../कार्य/2024/RL-13644 to 13648  
प्रतिलिपि:-

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

RajKaj Ref  
5676250

Signature valid

Digitally signed by  
Shubham Mangla (I.A.S.) जोधपुर।  
Designation : Commissioner  
Date: 2024.02.19 12:20:05 IST  
Reason: Approved

# Nagar Nigam (South), Jodhpur

1

Name of work:- Electrification Work at Chidiyanath Ji park Near Kaylana Lake JMC South

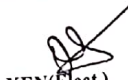
RUIDP SOR 2023

**Schedule**

**Part A ("G" Schedule)**

S.n.	CODE No	PARTICULARS	QTY.		RATE		AMOUNT
1	58.7	Supply and erection of Galvanized Iron pole with galvanizing done in single dipping (Average coating thickness Minimum 65 Microns) continuously tapered poles having Octagonal / Circular cross-sections designed to withstand the maximum wind speed as per IS 875, The pole shaft shall be made from sheet steel (HT Steel Conforming to grade S355JO) and conforming to BSEN 10025 and shall be continuously tapered with single longitudinal welding. There shall not be any circumferential welding. The welding of pole shaft shall be done by Submerged Arc Welding (SAW) process. pole shafts shall be provided with the rigid flange 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 shaft at two locations i.e. from inside and outside. The octagonal Poles shall have lockable door of approximate 500 mm length at the elevation of 500 mm from the Base plate with bakelite sheet having 6A SP MCB and 16 sqmm stud type connector ( 4 nos) inside the pole at door opening for cable connection of following length and dimension as per table P-01 with base plate and foundation bolt on the Existing cement concrete foundation. All as per pre approved by Engineer in-charge. For additional technical parameters of products/ work refer Annexure "A" attached with this BSR .	105	Nos	502.00	Each	52710.00
4	53.7.5 50.4	10.0 Sq.mm 3 core flat / Round S&F following sizes (dia.) of ISI marked virgin material MMS ( IS:9537 P - III ) PVC conduit along with ISI marked (IS:3419-1988) accessories as required in recess including cutting the wall, covering conduit and making good the same as required. For additional technical parameters of product / work refer Annexure 'A' attached with this BSR	50	Mtr	174.00	RM	8700.00
7	60.2	Providing & Laying P.V.C. / XLPE insulated & P.V.C. sheathed Armoured Aluminium cable conforming to IS:1554 P-I / IS :7098 P - I of 1.1 KV with H4- Grade electrolytic aluminium conductor conforming to IS 8130 of purity >99.6 %, round / flat strip armouring of cables, Inner / outer sheath conforming to IS:5831 in existing RCC / Hume / Stoneware / PVC pipe/ open duct/cable trench / Cable tray(with cable tie) including testing etc. as required of following size. OEM must have it's own in house NABL accredited Laboratory for testing procedure as per IS:10810. For additional technical parameters of product / work refer Annexure 'A' attached with this BSR	100	Mtr	468.00	RM	46800.00
	60.2.7	6.0 Sq. mm					108210.00
	60.2.7.3	3.5 core					
<b>Total (G-Schedule)</b>					<b>Rs.</b>		

			<b>Part- B (H-Schedule)</b>			
1		SS 304 grade with 3mm min wall thickness 3/4" pipe manifold of 2 meter length approx with pump stands, valve and accessories Make OASE, Wet design, Fountain s waltzing waters, jet fountain, modern stage service etc	1	Nos		Each
2		Electrical Panel (BCH) for fountain with VFD Starter MCB, Ammeter, voltmeter indicating lights etc suitable for 1 nos 25Hp pumps make OASE, Wet Design, Fountana Fountains, waltzing waters, JetFountains, Modern Stage Service . Innovatiview	1	Nos		Each
3		S&F of fasting acting high presure and high flow 25Hp Submersible pumps for water wall Make OASE , Grunfose, Texmo, Wilko, KSB, Kriloshker	1	Nos.		Each
4		S&F of Filter made iron frame with white power coating and SS 304Mesh for of size 10"*10"*17" suitable for 5HP pump to 15Hp pump make OASE, Wet Design, Fountana Fountains, waltzing waters, JetFountains, Modern Stage Service , Innovatiview	42	Mtr		RM
5		SS 304 grade with 3mm min wall thickness 3/4" pipe structure with stands and accesaaires all in ss 304 grade with valves. Make OASE, Wet design, Fountana Fountains, waltzing waters, JetFountains, Modern Stage Service . Innovatiview	2	Set		Each
6		SS 304 grade with 3mm min wall thickness 3/4" pipe to make equal water fall system with accessaires all in ss 304 grade with valves. Make OASE, Wet design, Fountana Fountains, waltzing waters, JetFountains, Modern Stage Service . Innovatiview				

  
XEN(Elect.)  
JMC

~~Signature~~  
**DOE**

I agree to do above "G" Schedule work ..... Above/ Below RUIDP 2022. and JMC terms and conditions..

- Item-1 .....Each
- Item 2 .....Each
- Item-3 .....Each
- Item-4 .....Each
- Item-5 .....RM
- Item-6 .....Each

Signature of Contractor

# Nagar Nigam (South), Jodhpur

2

Name of work:- Electrification Work at Chidiyanath Ji park Near Kaylana Lake JMC South

RUIDP SOR 2023

Schedule

Part A ("G" Schedule)

S.n.	CODE No	PARTICULARS	QTY.		RATE	AMOUNT	
1	67.1	Supply and erection of Galvanized Iron pole with galvanizing done in single dipping (Average coating thickness Minimum 65 Microns) continuously tapered poles having Octagonal / Circular cross-sections designed to withstand the maximum wind speed as per IS 875, The pole shaft shall be made from sheet steel (HT Steel Conforming to grade S355JO) and conforming to BSEN 10025 and shall be continuously tapered with single longitudinal welding. There shall not be any circumferential welding. The welding of pole shaft shall be done by Submerged Arc Welding (SAW) process. pole shafts shall be provided with the rigid flange 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 shaft at two locations i.e. from inside and outside. The octagonal Poles shall have lockable door of approximate 500 mm length at the elevation of 500 mm from the Base plate with bakelite sheet having 6A SP MCB and 16 sqmm stud type connector ( 4 nos) inside the pole at door opening for cable connection of following length and dimension as per table P-01 with base plate and foundation bolt on the Existing cement concrete foundation. All as per pre approved by Engineer in-charge. For additional technical parameters of products/ work , refer Annexure "A" attached with this BSR .	3	Nos	13481.00	Each	40443.00
	67.1.1.5	7 Mtr.					
2	67.2	Supply and Fixing of Pole OEM fabricated 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 .	6	Nos	3397.00	Each	20382.00
	67.2.2	Double Arm					
3	67.11	Providing & Fixing of IK08 IP-66 protected high power LED flood light system with single piece Pressure diecast aluminium housing, toughened glass diffuser with suitable lenses on LED to achieve various beam angles, of high power LED of 3 to 5 watt each . Integrated potted driver as a unique BIS R number having efficiency more than 85 % and in compliance to BIS certified and Trade mark certificate. The System level Luminaire efficacy >=125 lm/ wt. LED driver Input Voltage AC 120 to 270 V AC with High voltage Cutoff @>=300 V AC and Auto resetting Safety .Power Factor >0.95 , THD(I) <10% , driver current <=750mA. driver should be Phase to phase protection of 440 V for 4 Hrs. Electrical Connector , Surge Protection Min >=4KV internal and 10KV external but inside driver compartment, System life of 50000 Burning hours with 70% of Initial Lumens maintained, CRI>70 and CCT 5700K ±355K. Manufactures Word Mark/Name Engraved/Embossing/Screen printing on die cast housing to allow traceability/authenticity. Fixture shall be 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 .	12	Nos	6048.00	Each	72576.00
	67.11.5	High Power LED Flood Light Minimum lumen output 12400 lm					
4	50.4	PVC conduit along with ISI S&F following sizes (dia.) of ISI marked virgin material MMS ( IS:9537 P - III ) PVC conduit along with ISI marked (IS:3419-1988) accessories as required in recess including cutting the wall, covering conduit and making good the same as required. For additional technical parameters of product / work refer Annexure 'A' attached with this BSR	800	Mtr	57.00	RM	45600.00
	50.4.2	25 mm					
5	53.1	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 99.90 % purity copper, class 5 stranding in acc. to IS:8130/IEC 60228 for lower watt loss , oxygen free for less chances of oxidization, insulation PVC type A/C/D , flame retardant as per IS 10810-53, better amperage rating as per IS:3961 part 5, in existing surface or recessed PVC/ MS conduit/casing capping making connections with Copper Lugs of suitable size, Ferrules, testing etc. as required. OEM Must have its own in house NABL lab setup for all testing facilities for wires. For additional technical parameters of product / work refer Annexure 'A' attached with this BSR	300	Mtr	44.00	RM	13200.00
	53.1.2	2 x 1.5 sq mm	400	Mtr	63.00	RM	25200.00
	53.1.6	2 x 2.5 sq mm	300	Mtr	95.00	RM	28500.00
	53.1.11	2 x 4.0 sq mm					
6	53.6	Supply & drawing Wiring for sub mains ISI marked (IS:694) 1100 Volts grade PVC insulated flat twin core sheathed solid aluminium conductor with 10 SWG G.I. Support wire duly clipped etc. as required. For additional technical parameters of product / work refer Annexure 'A' attached with this BSR	200	Mtr	100.00	RM	20000.00
	53.6.3	10.0 sq mm					
7	60.2	Providing & Laying P.V.C. / XLPE insulated & P.V.C. sheathed Armoured Aluminium cable conforming to IS:1554 P-1 / IS :7098 P - I of 1.1 KV with 1H- Grade electrolytic aluminium conductor conforming to IS 8130 of purity >99.6 % , round / flat strip armouring of cables, Inner / outer sheath conforming to IS:5831 in existing RCC / Hume / Stoneware / PVC pipe/ open duct/cable trench / Cable tray (with cable tie) including testing etc. as required of following size. OEM must have its own in house NABL accredited Laboratory for testing procedure as per IS:10810. For additional technical parameters of product / work refer Annexure 'A' attached with this BSR	400	Mtr	81.00	RM	32400.00
	60.1.2	6.0 Sq. mm					
	60.1.2.1	2 core	200	Mtr	150.00	RM	30000.00
	60.1.3	10.0 Sq mm					
	60.1.3.3	4 core	70	Mtr	262.00	RM	18340.00
	60.1.5	25.0 Sq. mm					
	60.1.5.3	3.5 core					

8	58.34	P & F of IP65 IK10 protected LED Bollard fixture. Light Fixture made of powder coated aluminium/Steel housing with diffuser for uniform distribution. The System level Luminous efficacy > 85 Lumen/W. SMD LEDs . CRI>70, CCT: 3000/4000/6000 K. The integral SMPS based electronic driver must be constant current and inbuilt surge protection of min. 4KV(L-N) and efficiency > 85%, PF>0.9 and input Voltage range of 90- 270V AC at 50Hz. System life of 50000 burning hours with 70% of Initial Lumens maintained. Light should include quick connecting cable coupled with various mounting accessories. Light output in Cool white or Warm White Colour as per engineers choice. Fixture must be in compliance with IS/CE Standards.						
	58.34.2	0.8 mtr high bollard	30	Nos	3812.00	Each	114360.00	
9	53.6	Supply & drawing Wiring for sub mains ISI marked (IS:694) 1100 Volts grade PVC insulated flat twin core sheathed solid aluminium conductor with 10 SWG G.I. Support wire duly clipped etc. as required. For additional technical parameters of product / work refer Annexure 'A' attached with this BSR						
	53.6.1	4.0 sq.mm	250	Mtr	62.00	RM	15500.00	
1	57.8	Providing & Fixing of 110/220 V, unibody LED Indicating lamp IEC 60947 with integral circuit, IP 65 above panel & IP 20 terminal block, Approx. body dia for panel not less than 20 mm, length min. 50mm, front LED cover dia min. 29 mm, contact material phosphor bronze for Led, PCB contacts shall be of brass (tin plated), 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/ work , refer Annexure "A" attached with this BSR						
	57.8.1	Red/yellow/Green colour	2	Nos	174.00	Each	348.00	
	57.8.1	Blue / white Colour	1	Nos	267.00	Each	267.00	
2	57.20	Providing & Fixing of mechanical / digital time switch having following day / week programme and minimum 100 hours reserve and AC1 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 .						
	57.20.3	One day & week reserve (digital type )	1	Nos	4301.00	Each	4301.00	
3	E082400	P & F Cam operated rotary switches on existing panel with 2 way and off position						
	E082440	Four pole	1	Nos	1578.00	Each	1578.00	
	E082443	63 A						
4	57.14	Providing & Fixing of AC operated heavy duty 230 /440 Volt power contactor as per PWD specification for electrical Works, ISI marked IS/IEC 60947-4-1 : 2000 having provision of mechanical interlocking, auxiliary contacts, Din rail mounting type including making connections, testing 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 .						
	57.14.2	4 pole Power contactors with following AC I Rating	1	Nos	4146.00	Each	4146.00	
	57.14.2.5	63 Amp						
5	57.1	SITC of IP-42 and general construction conforming to IS:8623 : 1993, wall/ free standing floor mounted dust and vermin proof compartmentalised cubical panel as specifications and Other parameters required as per point (a) ,(b), (c),(d), (e), (f), (g), (h) as below:- (a)Thickness of CRCA sheet shall be 2.0 mm, cable alley compartments having concealed hinged type doors with key type lock with / without detachable extension type structure. Removable 3 mm. thick sheet steel gland plates with appropriate size of knockouts for cables shall be provided (b)complete panel shall undergo a process of degreasing, Water rinsing, Activation, derusting, pickling in acid bath, phosphatising & shall be subjected to nine tank process and then Powder coated with approved shade of minimum 70 microns on both side of panel. The panel having PE foam/ Neoprene rubber gasket of not less than 3mm thickness ,required hardware , concealed hinged door with key type locking arrangement for equipment/switchgear earthed with 2.5 sq.mm braided copper wire. (c) Interconnection between bus bar and switchgears /cable shall be rigidly supported and made out by flexible copper wires (up to 63 amp ) and by solid bus bar (>63 amp ) . control wiring will be carried out with 1.5 sq.mm, Earth wire with 2.5 Sq.mm and CT with 2.5 sq.mm flexible copper wire only. All joints / interconnections of copper bus bars shall be full length. Connection between main bus bar and ring bus bar shall be made by means of SMC / Supplying and fixing of Aluminium (IEC 60105 ISO 209-1,2) / Copper (IEC 60028) bus bar by means of SMC / DMC type insulator with standard short circuit withstand capacity , high tensile nuts and bolts spring washers in existing panel including bending , cutting in required shape and size 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 Annexure "A" attached with this BSR .	2.00	Sq. Mtr.	6124.00	Per Sq. Mtr.	12248.00	
6	57.2	Electrolytic grade Aluminium bus bar 6010 grade	1	KG	556.0	Per KG	556.00	
	57.2.1	Electrolytic grade Aluminium bus bar 6010 grade						
7	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						
	57.3.1	Single Phase Ammeter	1	Nos	1201.00	Each	1201.00	
	57.3.2	Single Phase Voltmeter	1	Nos	1201.00	Each	1201.00	
7	55.1	Providing & Fixing of 240/415 V AC MCB with positive isolation of breaking capacity not less than 10 KA (B/ C tripping characteristic as per type of load and site requirement) 4KV impulse withstand voltage, as per PWD specification for electrical Works with ISI marked IS 8828(1996) / conforming to IEC 60898-1 2002, IEC 60947, 2, low watt losses, trip free mechanism , energy limiting of class 3 as per IEC, minimum phase termination capacity of 35sq mm. , conductorline load reversibility, label holding facility , IP 20 contact protection and fitted with existing distribution board/sheets, min. operation 20,000 upto 32 A rating and 10,000 upto 63 A, 5000 for 80 A rating including making connections, testing etc. as required. . OEM shall have submit NABL / CPRI / ERDA acerediated lab test reports before execution & All as per pre approved by Engineer in charge. For additional technical parameters						
	55.1.1	Singal pole MCB	5	Nos	1925.00	Each	9625.00	
	55.1.1.2	6 A to 32 A rating						

8	55.2	Providing & Fixing of 240/415 V isolator as per PWD specification for electrical Works with ISI marked IS:13947-III/conforming to IEC 60947-3, suitable for AC22A utilization category, 4KV impulse withstand voltage, true contact indication, Red colour dolly / lever shall have single mould covering over all poles for operation , two position din rail mounting, minimum phase termination capacity of 35sq mm. , label holding facility , IP 20 contact protection and fitted with existing distribution board / sheet including making connections, testing etc. as required. OEM shall have submit NABL/ CPRI / ERDA accredited lab test reports before execution & All as per pre approved by Engineer in charge. For additional technical parameters of products/ work refer Annexure "A" attached with this BSR					
	55.2.2	Triple pole Isolator					
	55.2.2.1	63 A rating	1	Nos	723.00	Each	723.00
	58.3	SITC of IP 40 3 pole current limiting Moulded case circuit breaker (MCCB) made of flame retardent & heat resistant material having following current rating, short circuit breaking capacity at 440/415 V, 50 Hz; O/L & S/C settings as per PWD specification for electrical Works, conforming to IS/IEC 60947 P -2 :2003 with front face and centralised adjustable, trip free mechanism, true contact position indicator, line load interchangeability, designed for both horizontal & vertical mounting without any adverse effect on electrical performance, suitable for operation upto 55 degree and without derating upto 40 degree, pollution degree 3, having positive isolation capability, push (test) to trip, trip time less then 10 ms under s/c condition, Breaking capacity Ics = 100% Icu. U imp =8 KV, rated insulation voltage 800 V, provision for UVR , shunt trip , earth fault trip, door interlock, pad lock & rotary handle , including making connections with lugs & spreaders, etc. as required. OEM shall have submit NABL / CPRI / ERDA accredited lab type test certificate before execution. All as per pre approved by Engineer in charge. For additional technical parameters of products/ work , refer Annexure "A" attached with this BSR					
	58.3.1	With Thermal Magnetic release	1	Nos	5299.00	Each	5299.00
	58.3.1.1	up to 100 Amp , 25 kA, adjustable O/L & fixed S/C setting, Ics = 100 % Icu					517994.00
<b>Total (G-Schedule)</b>			<b>Rs.</b>		<b>Part- B (H-Schedule)</b>		

1		Supplying and fixing of Bollard (12 inch) with LED bulb in existing decorative pole as per direction of engineering incharge	18	Nos		Each	
2		Repairing of Pendastal of existing decorative poles with colouring in all respect as per direction given by engineering Incharge	18	Nos		Each	
3		Supply, Installation, Testing and commissioning of Color Changing RGB 3W *36 surface mounted Projector luminaire(PAR) suitable for outdoor applications Luminaires should be enabled with high power LEDs, should consists of highly efficient, UV and temperature-resistant optics with symmetric distribution. With glass cover, clear/powder coated. (Water proof) Luminaire should be Controlled through DMX/Ethernet protocol using DMX Controller . Power factor of the luminaire shall be more than 0.90. Luminaire should be provided with suitable integral/separate non-integral power supply unit. The lumen maintenance L70@ 25 °C of the LED shall not be less than 70% of the initial lumen after 50,000 burning hours. Ingress Protection should be IP 66/67. Housing should be made of pressure Die cast Aluminium with safety glass. Adequate heat sink with proper thermal management shall be provided. Operating Temperature : -10°C to +45°C, Operating Humidity : 10%-90%, Housing to have adjustable base bracket for angle adjustment so that the light direction can be adjusted to illuminate desired structural elements. As per required and direction of engineering incharge(Make- LBT, claypack,S-Pro and equivalent make)	10	Nos.		Each	
4		Design, Supply, Installation Digital Multiplex (DMX) protocol lighting control with required Software, 240Dimmer control channels, Supplied with PC Application Avolites visualiser, pearl simulation program, 15Playback masters controlling 450 memories in all respect and support Wall Washer, Led par light etc. As per required and direction of engineering incharge (Make- LBT, claypack,S-Pro and equivalent make)	1	Nos.		Each	
5		Supply and Fixing of UPS 600VA/360W for DMX controller. Generator Compatible. Wide input Range: 140-300V. With Cold Start Function & AVR which regulates voltage automatically. Heavy Duty 7AH battery, 3 Output Sockets, connect upto 3 devices. With a maximum backup of 45 minutes. Blazing fast transfer time of just 2-4 milliseconds, Fast Charging: 4 Hours for 90% charge. as per required and direction of engineering incharge	1	Nos.		Each	
6		Supply and Fixing of Distributor for connecting of Light as per required and as per direction of engineering incharge	1	Nos.		Each	
7		Supply and Fixing of Power Pannel 10 KW as per required and direction of engineering incharge	1	Job		Each	
8		Supply and Fixing of extra Accessories like Box, Par light Pin, Socket, Messanger wire etc as per required and direction of engineering incharge	15	Nos.		Each	
9		Supply and Fixing of IP65 Spike light in pressure die cast aluminium housing 3Watt in all respect as per direction of engineering Incharge					

  
XEN(Elect.)  
JMC

I agree to do above "G" Schedule work ..... Above/ Below RUIDP 2022 and JMC terms and conditions..

- Item-1 .....Each
- Item 2 .....Each
- Item-3 .....Each
- Item-4 .....Each
- Item-5 .....Each
- Item-6 .....Each
- Item-7 .....Each
- Item-8 .....Each
- Item-9 .....Each

Signature of Contractor