

जोधपुर नगर निगम, (दक्षिण)

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

क्रमांक:-सं./एफ-...../कार्य/2023/RL-12892

दिनांक:-09/03/2023

अल्पकालिन ई-निविदा सूचना

DLB2223WSOB31317

UBN No -----

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

क्र.सं.	कार्य का नाम	अनुमानित लागत (लाख)	अमानत राशि	निविदा प्रपत्र शुल्क	कार्य करने की अवधि
1.	गांधी मैदान में विद्युतीकरण का कार्य।	10.00	20000/-	500/-	03 माह
2.	गांधी मैदान स्टेज लाईटिंग का कार्य।	7.80	15600/-	500/-	03 माह

ऑन लाईन निविदा फार्म मिलने व जमा कराने की दिनांक	दिनांक 10/3/23 से 16/03/23 तक
निविदा अपलोड करने की अन्तिम तिथि	दिनांक 16/03/23 सांय 06.00 बजे तक
निविदा के दस्तावेज कार्यालय में जमा कराने की दिनांक	दिनांक 17/03/23 अपराह्न 12.00 बजे तक
ऑन लाईन तकनीकी निविदा खोलने की दिनांक	दिनांक 17/3/23 अपराह्न 01.00 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 इलेक्ट्रोनिक फारमेन्ट 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।
- 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 इलेक्ट्रोनिक फारमेन्ट में वेब साईट <http://eproc.rajasthan.gov.in> पर सम्बन्धित कार्यालय में निर्धारित दिनांक 17/3/23 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 उसी समय व उसी स्थान पर निविदाये खोली जायेंगी।
- निविदा जमा करवाने के बाद निविदा ऑन लाईन खोली जायेगी।
- निविदा खोलने की तिथि को किसी कारणवश यदि सारी निविदाएँ नहीं खोली जा सकती है, तो उसके अगले कार्य दिवस पर शेष निविदाएँ खोलने का कार्य जारी रखा जायेगा।
- संवेदक द्वारा विगत दो वर्ष में एक समान्तर कार्य के कार्योदेश 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।
- कार्यो के सम्मुख उपरोक्तानुसार वर्णित कार्यालय में संवेदक द्वारा दिनांक 10/3/23 से दिनांक 16/3/23 को किसी भी कार्य दिवस में 11.00 बजे पूर्वाह्न से 4.00 बजे अपराह्न निविदा प्रपत्र को देखा जा सकता है अथवा वेबसाईट <http://eproc.rajasthan.gov.in> भी देखा जा सकता है, निविदा प्रपत्रो में निविदाकर्ता के लिए योग्यता सूचना तथा निविदाकर्ता की पात्रता, प्लान, स्पेशिफिकेशन, उपलब्ध है।





जोधपुर नगर निगम, (दक्षिण)



पोलोटैक्निक कॉलेज परिसर, रेजीडेन्सी रोड, जोधपुर

E-Mail-nnjelectrical@gmail.com

क्रमांक:-सं./एफ-.../कार्य/2023/RL12898

दिनांक:-09/03/2023

अल्पकालिन ई- निविदा सूचना क्रमांक RL12892 दिनांक 09/03/2023

UBN No.....

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

(अबुल प्रकाश)
I.A.S
आयुक्त

नगर निगम (दक्षिण) जोधपुर।

दिनांक:- 09/03/2023

क्रमांक:-सं./एफ-.../कार्य/2023/RL12899 to 12903

प्रतिलिपि

1. राजस्थान संवाद जयपुर को भेज कर लेख है कि आगामी अंक में राजस्थान स्तरीय संस्करण जोधपुर में प्रकाशित कर बिल भुगतान हेतु प्रस्तुत करे।
2. बिल लिपिक, नगर निगम, जोधपुर।
3. IT Cell, नगर निगम जोधपुर। इस निविदा www.sppp.raj.nic.in वेब साईट पर अपलोड करावे।
4. मैसर्स इलीट मंत्रा, JMC वेब साईट पर अपलोड करावे।
5. नोटिस बोर्ड नगर निगम जोधपुर।

(अबुल प्रकाश)
आयुक्त

नगर निगम (दक्षिण) जोधपुर।

जोधपुर नगर निगम, (दक्षिण)

पोलोटैक्निक कॉलेज परिसर, रेजीडेन्सी रोड, जोधपुर

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क्रमांक:-सं./एफ-...../कार्य/2023/RL-12892

दिनांक:-09/03/2023

अल्पकालिन ई- निविदा सूचना

UBN No -----

जोधपुर नगर निगम दक्षिण द्वारा इच्छुक कार्यो के अनुभवी/योग्यताधारी, डिजिटल विद्युत लाईसेन्सधारी संवेदको, नगर निगम में पंजीकृत नियमानुसार श्रेणी संवेदको, अन्य विभाग में पंजीकृत E-EWSD-I ऑन-लाईन ई-टेंडर प्रक्रिया से निगम शर्तों के अधीन निविदाये आमंत्रित की जाती है। निविदा की शर्तें लेखा नियमानुसार रहेगी।

क्र.सं.	कार्य का नाम	अनुमानित लागत (लाख)	अमानत राशि	निविदा प्रपत्र शुल्क	कार्य करने की अवधि
1.	गांधी मैदान में विद्युतीकरण का कार्य।	10.00	20000/-	500/-	03 माह
2.	गांधी मैदान स्टेज लाईटिंग का कार्य।	7.80	15600/-	500/-	03 माह

ऑन लाईन निविदा फार्म मिलने व जमा कराने की दिनांक	दिनांक	से	तक
निविदा अपलोड करने की अन्तिम तिथि	दिनांक	सांय 06.00	बजे तक
निविदा के दस्तावेज कार्यालय में जमा कराने की दिनांक	दिनांक	अपरान्ह 12.00	बजे तक
ऑन लाईन तकनीकी निविदा खोलने की दिनांक	दिनांक	अपरान्ह 01.00	बजे तक

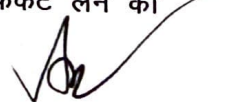
विस्तृत विवरण एवं शर्तों के लिए नगर निगम दक्षिण कार्यालय के विद्युत अनुभाग से जानकारी प्राप्त की जा सकती है।

ई निविदा की महत्वपूर्ण शर्तें निम्नानुसार हैं:-

ई- निविदा प्रपत्रों को वेब साईट <http://eproc.rajasthan.gov.in> से अपलोड डाउनलोड किया जा सकता है। इन निविदाओं में भाग लेने वाले संवेदक निविदा को इलेक्ट्रॉनिक फारमेन्ट 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 संवेदकों से 2% अमानत राशि देय होगी।
- 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 फारमेन्ट में वेब साईट <http://eproc.rajasthan.gov.in> पर सम्बन्धित कार्यालय में निर्धारित दिनांक को अपरान्ह 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 उसी समय व उसी स्थान पर निविदाये खोली जायेंगी।
- निविदा जमा करवाने के बाद निविदा ऑन लाईन खोली जायेगी।
- निविदा खोलने की तिथि को किसी कारणवश यदि सारी निविदाएँ नहीं खोली जा सकती है, तो उसके अगले कार्य दिवस पर शेष निविदाएँ खोलने का कार्य जारी रखा जायेगा।
- संवेदक द्वारा विगत दो वर्ष में एक समान्तर कार्य के कार्यादेश 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।
- कार्यों के सम्मुख उपरोक्तानुसार वर्णित कार्यालय में संवेदक द्वारा दिनांकसे दिनांक.....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।

9. सभी दस्तावेजों को निविदा में अपलोड करना होगा।
10. निविदाकर्ता द्वारा निविदा शुल्क/धरोहर राशि डिमाण्ड ड्राफ्ट द्वारा अथवा निविदा प्रपत्रों में सम्बन्धित कार्यालय में जमा कराना आवश्यक है।
11. निविदा खोलने की दिनांक से 60 दिवस तक निविदा स्वीकृति हेतु मान्य रहेगी। यदि निविदाकर्ता उस अवधि में अपनी निविदा अथवा शर्तों में किसी प्रकार का संसधान करता है अथवा अपनी निविदा वापस ले लेता है तो उसकी धरोहर राशि जब्त कर ली जायेगी।
12. 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।
13. 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।
14. किसी निविदा को स्वीकार करने एवं बिना कारण बताये निरस्त करने के समस्त अधिकार सक्षम अधिकारी के पास सुरक्षित है। आर.पी.डब्ल्यू.ए-100की समस्त शर्तों मान्य होगी।
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 राशि के कार्यों के लिए 1500/-रु की राशि निविदा शुल्क के अतिरिक्त देनी होगी जो डिमाण्ड या बैंकर के रूप में देय होगी। यह डिमाण्ड ड्राफ्ट या बैंकर चैक MD,RISL,Jaipur payable at jaipur होना चाहिए।
16. कार्य पूर्ण करने की अवधि में मानसुन अवधि सम्मिलित है।
17. संवेदक को ऑनलाईन निविदा के साथ जीएसटी रजिस्ट्रेशन की प्रति लगाना आवश्यक होगा अन्यथा निविदा पर विचार नहीं किया जाएगा।
18. यदि संवेदक द्वारा के कार्य पर लगाये जाने वाले श्रमिकों के मध्य कोई विवाद उत्पन्न होता है तो उसकी प्रबंधकीय जिम्मेदारी संवेदक की होगी उसके लिए उपापन संस्था का सक्षम प्राधिकारी न्युतम मजदुरी अधिनियम 1948 एवं राजस्थान अनुबंधित श्रमिका (नियमन एवं उन्मुलन) अधिनियम 1970 का पालन करने का उत्तर दयित्व 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।
19. संवेदक को विगत 3 वर्ष का सी.ए. से प्रमाणित फर्म का टर्नओवर प्रमाण पत्र देना होना अनिवार्य है अन्यथा निविदा निरस्त कर दी जायेगी एवं विगत माह का जी.एस.टी. 3 बी फॉर्म जमा करवाना होगा।
20. नगर निगम में विद्युत पंजीकृत संवेदक को आदेशानुसार पंजीयन रिव्यू कराया जाना आवश्यक होगा, अन्यथा निविदा स्वीकार नहीं की जाएगी। अन्य विभागों में पंजीकृत संवेदको द्वारा नियमानुसार 2% धरोहर राशि जमा करा कर निविदा में भाग ले सकेगा।
21. संवेदक द्वारा किये गए कार्य का बिल बनाकर प्रस्तुत करना होगा उसके पश्चात् ही भुगतान की कार्यवाही कि जाएगी।
22. संवेदक को RUIDP - 2022 के नियमानुसार Annexure A के अनुसार करवाना होगा, जिस पर होने वाला व्यय संवेदक द्वारा वहन किया जाएगा, निगम द्वारा इस संबंध में कोई भी राशि देय नहीं होगी।
23. ई-टेन्डरिंग 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 सार्फिकेट सी.सी.ए द्वारा स्वीकृति एजेन्सी से प्राप्त कर सकते हैं। जिन निविदा दाताओं के पास पूर्व में वैद्य डिजिटल सर्टिफिकेट है, नया डिजिटल सर्टिफिकेट लेने की आवश्यकता नहीं है।



(स) निविदा दाताओं को निविदा प्रपत्र इलेक्ट्रॉनिक फॉर्मेट में उपरोक्त वेबसाइट पर डिजिटल सर्टीफिकेट 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 निविदाएं 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।

(अतुल प्रकाश)
I.A.S

आयुक्त
नगर निगम, (दक्षिण) जोधपुर
दिनांक :- 09/03/2023

क्रमांक:-सं./एफ-...../कार्य/2023/RL-12893 to 12897
प्रतिलिपि:-

- निर्देशक स्थानिय निकाय जयपुर।
- उप- निर्देशक स्थानिय निकाय जोधपुर।
- लेखाधिकारी, नगर निगम दक्षिण जोधपुर।
- नोटिस बोर्ड नगर निगम दक्षिण जोधपुर।
- IT Cell, नगर निगम जोधपुर। इस निविदा www.sppp.raj.nic.in वेब साईट पर अपलोड करावे।


आयुक्त
नगर निगम (दक्षिण) जोधपुर।

Jodhpur Municipal Corporation (South)

Name of Work:-Electrification Work at Gandhi Maidan

(RUIDP 2022)

Schedule

G-Schedule

S.N.	Code	Description	Qty	Unit	Rate	Unit	Amount
G. Electrification Work							
1	E010100	Wiring of light point/ fan point/ exhaust fan point/ call bell point as per PWD specification for electrical Works with ISI marked 1.5 sq. mm nominal size FR PVC insulated unsheathed flexible copper conductor 1.1 kV grade (IS:694) and 1.5 sq. mm nominal size FR PVC insulated unsheathed flexible copper earth conductor 1.1 kV grade (IS:694) in recessed ISI marked MMS (IS:9537 P - III) vergin material PVC conduit & it's all accessories(J.B. , Bends etc.) , round tiles,18 SWG G.I. box with earth terminal, 6 A switch , 3 pin ceiling rose/ Lamp holder / 3 point Connector, 3.0 mm thick ISI marked phenolic laminated sheet (IS : 2036 - 1995), Al. alloy/ cadmium plated iron screws 20 mm cup washers etc. all as per pre approved by Engineer in charge, making connections, testing etc. complete as required. For specification of copper Conductor, Phenolic Laminated sheet's & Electrical/ Wiring accessories refer Chapter E - 04, E - 05 & E - 07 . For additional technical parameters of products/ work , refer Annexure "A" attached with this BSR .					
	E010101	Short point (up to 3 mtr.)	18	Pt	190.00	Per Point	3420.00
	E010102	Medium point (up to 6 mtr.)	16	Pt	320.00	Per Point	5120.00
	E010103	Long point (up to 10 mtr..)	12	Pt	431.00	Per Point	5172.00
2	E010300	Wiring of 3/5 pin 6 amp. Light plug point as per PWD specification for electrical Works with ISI marked 1.5 sq. mm nominal size FR PVC insulated unsheathed flexible copper conductor 1.1 kV grade (IS:694) and 1.5 sq. mm nominal size FR PVC insulated unsheathed flexible copper earth conductor 1.1 kV grade (IS:694) in recessed ISI marked MMS (IS:9537 P - III) vergin material PVC conduit & it's all accessories(J.B. , Bends etc.) , round tiles,18 SWG G.I. box with earth terminal of required size, 6 A switch, 3/5 pin 6 A socket, 3.0 mm thick ISI marked phenolic laminated sheet (IS : 2036 - 1995), Al. alloy/ cadmium plated iron screws 20 mm cup washers etc. all as per pre approved by Engineer in charge, making connections, testing etc. complete as required. For specification of copper Conductor, Phenolic Laminated sheet's & Electrical/ Wiring accessories refer Chapter E - 04, E - 05 & E - 07. For additional technical parameters of products/ work , refer Annexure "A" attached with this BSR .					
	E010301	On board	22	Pt	89.00	Per Point	1958.00
	E010302	Short point (up to 3 mtr.)	8	Pt	203.00	Per Point	1624.00
	E010303	Medium point (up to 6 mtr.)	16	Pt	331.00	Per Point	5296.00
	E010304	Long point (up to 10 mtr.)	8	Pt	442.00	Per Point	3536.00
3	E010400	S&F following sizes (dia.) of ISI marked MMS (IS:9537 P - III) vergin material PVC conduit as per PWD specification for electrical Works along with its accessories (IS: 3419) as required in recess including cutting the wall, covering conduit and making good the same as required. All relative and latest acceptance tests reports by any NABL accredited lab for the conduit shall be submitted 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					
	E010412	25mm	85	Mtr	37.00	RM	3145.00
4	E010600	Wiring of twin control light point as per PWD specification for electrical Works with ISI marked 1.5 sq. mm nominal size FR PVC insulated unsheathed flexible copper conductor 1.1 kV grade (IS:694) and 1.5 sq. mm nominal size FR PVC insulated unsheathed flexible copper earth conductor 1.1 kV grade (IS:694) in recessed ISI marked MMS (IS:9537 P - III) vergin material PVC conduit & it's all accessories(J.B. , Bends etc.) , round tiles,2 nos. 18 SWG Hot Dipped Galvanized Modular Box with earth terminal ,2 Nos 6 A two way Modular switch, 3 pin ceiling rose / lamp holder/ 3 pin connector ,Modular face plate with grid plate, screws etc,all as per pre approved by Engineer in charge, making connections, testing etc. complete as required. For specification of copper Conductor, Phenolic Laminated sheet's & Electrical/ Wiring accessories refer Chapter E - 04, E - 05 & E - 07. For additional technical parameters of products/ work , refer Annexure "A" attached with this BSR .					
	E010602	Medium point (up to 6 mtr.)	10	Pt	686.00	Per Point	6860.00
	E010603	Long pt. upto 10 mtr	8	Pt	876.00	Per Point	7008.00
5	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 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					

S.N.	Code	Description	Qty	Unit	Rate	Unit	Amount
	E0401001	1x1 5 mm					
	E0401005	1x2 5 mm	250	Mtr	12.00	RM	3000.00
6	E050900	Providing & Fixing of surface/recessed type 10 mm thick wood board duly antitermite treated, varnished and fixed by using gutties/ PVC fasteners of following size 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 .	200	Mtr	20.00	RM	4000.00
	E050905	250 mm x 300 mm					
7	E060100	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 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 .	4	Nos	57.00	Each	228.00
	E060101	Singal pole MCB					
	E060113	6 A to 32 A rating					
8	E060300	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 catagory, 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 .	18	Nos	146.00	Each	2628.00
	E060310	Double pole isolator					
	E060311	30 A / 40 A rating					
	E060312	63 A rating	2	Nos	258.00	Each	516.00
	E060320	Triple pole Isolator	2	Nos	329.00	Each	658.00
	E060322	63 A rating	4	Nos	563.00	Each	2252.00
9	E060600	Providing & Fixing of IK09 recessed/surface mounting heavy duty horizontal type sheet steel not less then 1.2 mm thick Distribution board as per PWD specification for electrical Works ISI marked conforming to IS-13032 & IS-8623 / conforming to IEC 61439-3. Phosphatised/ powder painted complete with suitable rating insulated copper bus bar, shorting link , neutral link, earth link , connecting wire of suitable rating and din bar,masking sheet,ing making internal DB terminations with copper lugs , testing etc. as required including making internal DB terminations with copper lugs and with detachable gland plate, 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 .					
	E060610	IP-43 Double door (single phase)					
	E060612	6 way					
	E060620	IP-43 Double door (Three phase)	2	Nos	834.00	each	1668.00
	E060624	12 way	1	Nos	3620.00	each	3620.00
10	E072000	Providing & Fixing of flush type non modular coaxial T.V. socket as per PWD specification for electrical Works, made out from industrial grade Polycarbonate or fire resistant ABS material, including making connection 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	5	Nos	25.00	each	125.00
11	E072200	Providing & Fixing of non modular socket size flush type 180 watt rotary minimum 5 step fan regulator as per PWD specification for electrical Works, ISI marked (IS:11037) made out from industrial grade Polycarbonate or fire resistant ABS material including making connection 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	18	Nos	165.00	each	2970.00
12	E072800	Providing & Fixing of ISI marked (IS:2268-1994) single / multi tone electronic call bell as per PWD specification for electrical Works, including making connection 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	2	Nos	209.00	each	418.00

S.N.	Code	Description	Qty	Unit	Rate	Unit	Amount
13	E150500	Providing & Fixing of ISO Certified company made BEE Star rated copper wound double ball bearing capacitor start, aluminium body & Metallic blade ceiling fan as per PWD specification for electrical Works, Conform to all the performance requirements laid down in IS:374-2019 including all amendments, as applicable ; & Carry BIS licensing (i.e. ISI marking) or Quality Certification such as ISO - 9001 or above. with down rod up to 30 cm with secondary support	18	Nos	1732.00	each	31176.00
	E150504	1400 mm Sweep BEE 3 Star rated (service value ≥ 5.0 to < 5.5)					
14	E151400	Providing & Fixing of extra down rod of 15 mm dia . ERW (Electrical resistance welded) of 1.6mm nominal thick medium duty steel pipe including cutting, threading, drilling, fixing, quarter pin etc as reqd. All as per pre approved by Engineer in charge. For additional technical parameters of products/ work , refer Annexure "A" attached with this BSR .	20	Mtr	136.00	RM	2720.00
15	E150700	Providing & Fixing of M.S. J- hook of standard design made out of 16 mm dia. M.S. round bar and fixed with cement concrete mortar with required support as required.	18	Nos	111.00	Each	1998.00
16	E150900	E150900 Providing & Fixing of Heavy duty capacitor start, copper wound Double ball bearing 900/1400 RPM single phase Exhaust fan as per PWD specification for electrical Works, conforming to IS:2312 ISI marked in existing opening including making connections testing etc. as required. OEM shall be an ISO certified company Appropriate OEM test certificate shall be submitted by contractor. All as per pre approved by Engineer in charge. For additional technical parameters of products/ work , refer Annexure "A" attached with this BSR	2	Nos	4277.00	each	8554.00
	E150901	450 mm sweep(900/1400 RPM)					
17	E151200	Providing & Fixing of capacitor start, copper wound, metal body, metal blade three speed wall mounting fan of following sweep with the help of anchor bolts including making connection testing etc. as required. OEM shall be an ISO certified company. Appropriate OEM test certificate shall be submitted by contractor. All as per pre approved by Engineer in charge. For additional technical parameters of products/ work , refer Annexure "A" attached with this BSR	8	Nos	2118.00	Each	16944.00
	E151201	400 mm sweep(Oscillating type)					
18	E140500	SITC of chemical Gel earthing system of Dual Pipe Technology made of with "B" Class G I Pipe as per IS 1239 (part-1):2004 of Medium duty of following sizes as per points mentioned (a), (b), [c], (d), (e) below :- (a) filled with anti corrosive conductive compounds with the permanent sealings at both the ends, CPRI/ ERDA tested with RMS capacity of minimum 35 40 KA for withstanding 1 second (b) To ensure the moisture content and electrical conductivity, 25 kg for 2000 mm & 50 Kgs for 3000mm of resistance lowering earth enhancement material shall be used as a backfill compound. The compound shall be tested form NABL accredited lab for low resistivity (less than 0.12 Ohm - meter) & high conductivity in nature with carbon as a major content as per reference of IS 3043-1987,IEEE 80-2013 (clause 14.5d) , IEEE 837 & IER 1956 with latest amendemnts (c) Heavy duty weather proof poly-propylene earth pit chamber with lockable Jam free lid suitable for safe working load 5000 Kg or more of size Top Dia. 225 to 260 mm, Bottom Dia 300 to 350 mm. and Height 250 to 300 mm. (d) Testing of earth resistance for value of 5 ohms or less as required & must record by					
	E140510	With Pipe in Pipe Technology (Outer pipe dia. / Inner pipe dia.) Minimum 100 mm dia borewell	2	set	4179.00	Per set	8358.00
	E140511	G.I. pipe 2000 mm long , 50/25 mm , terminal 12 mm G.I. str					
19	E140700	Supply & Laying following size earth wire in horizontal or vertical run in ground/surface/recess including riveting, soldering, saddles,making connection with GI/Cu thimble 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 .	42	Mtr	11.00	RM	462.00
	E140707	8 SWG G.I. wire					
20	E171000	Providing & Fixing of IP 20 box made out from 1.2mm thick CRCA sheet steel with depth of minimum 30 mm and finished with powder coating and suitable for mounting LED tube including side covers, holders , internal wiring to illuminate the single sided connection LED tube. (Without tube). All as per pre approved by Engineer in-charge. For additional technical parameters of products/ work , refer Annexure "A" attached with this BSR	25	Nos	217.00	each	5425.00
	E171001	Suitable for 4' LED Tube shape fixture 1 X 18/20 W					

S.N.	Code	Description	Qty	Unit	Rate	Unit	Amount
21	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					
	E181205	High power LED flood light 100 watt	24	Nos	8035.00	each	192840.00
	E181207	High power LED flood light 150 watt	10	Nos	15067.00	each	150670.00
22	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 per table 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 obtained Octagonal shape, having single longitudinal seam weld and hot dipped galvanised internally & externallv in accordance with IS 2629					
	E180516	8 Mtr.	12	Nos	15297.00	each	183564.00
23	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 .					
	E180601	Single arm overhang	8	Nos	910.00	each	7280.00
	E180602	Double arm overhang	8	Nos	1603.00	Each	12824.00
24	E180900	Supply installation testing & Commissioning of ISO certified company made high mast lighting system (as per PLG 07 of ILP UK technical report no 7 of ILE UK /IS:875 Part-1 – 2015//BSEN10025/and IS:2062) consisting of totally hot dip galvanised by single dipped method high mast, lantern carriage suitable for up to 12 nos luminaries with welded arm (excluding luminaires), mast head frame assembly with full cover, including 1 No. LED 15 Watts aviation obstruction lights, double drum type self sustaining winch, integral power tool accesible from door with padlocking arrangement (winch motor with control circuit) hot dipped galvanised heavy duty pipe lightening finial, S.S. ropes (AISI 316, 7 / 19 construction), EPR insulated PCP sheathed trailing cable, including outdoor type control panel for auto on / off, reverse /forward motor operation and CC foundation of M - 25 grade complete as required as per IS 456/IS 2911. The mast is constructed from mild steel plates (as per IS 5986 Gr. 510) cut and folded to form a polygonal section, telescopic jointed and welding as per BS 5135. (See table P - 03 for specs.) OEM Must have Type test certificate for wind					
	E180901	12.5 Mtr HM (in 2 section)	1	Nos	151473.00	each	151473.00
25	E182000	Provide and fixing of LED POST TOP fixture made form Die cast aluminum graphite grey powder coated finished housing. Polycarbonate opal diffuser. Low power Warm White (WW) LEDs connected in series and parallel combination with better Heat dissipation arrangement. Highly efficient constant current electronic driver having operating voltage range from 140-280 Volt AC; provided with high voltage, open and short circuit protection. Suitable for 60mm OD pipe entry with fixing bolts. Degree of protection IP65 LED Make – Nichia/Philips/Osram/Cree or Equivalent LED color temperature range form 3000-5700°K ±300°K. Voltage surge protection 5KV. the luminaire should bear 5 KV surge protection,PF >=0.9(HPF) and total harmonic distortion of THD(I) <10% voltage range of 140-280V. Manufacturer to provide certificate of LM 80 LM 79 form source manufacturer and should have in house adequate testing facilities (approved by Govt. of India ministry of science and technology/NABL) . Approved Luminaire Make: Philips, Bajaj, Keselec.					
	E182002	LED POST TOP 40W	8	Nos	8601.00	each	68808.00

S.N.	Code	Description	Qty	Unit	Rate	Unit	Amount
26	E090500	SITC of IP 40 quick make and quick break 4 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 800V, 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					
	E090510	With Thermal Magnetic release					
	E090511	up to 100 Amp , 25 kA, adjustable O/L & fixed S/C setting, Ics = 100 % Icu					
27	E080100	SITC of wall/ free standing floor mounted dust and vermin proof compartmentalised cubical panel as per PWD specification for electrical Works, made out of CRCA sheet . Other parameters required as per point (a) ,(b), (c), (d) below:- (a) Thickness of sheet shall not be less than 1.6 mm up to 600 mm length / width of any compartment and be of 2.0 mm above 600 mm. Load bearing structure shall be of 2.0 mm thick sheet supported by base M.S. channel if required . Side walls and cable alley compartments having bolted type doors with / without detachable extension type structure (b) panel shall be duly treated for derusting in 7 tank process with dephosphating and with powder coating of minimum 70 microns on both side of panel in desired shade The panel having PU/ Neoprene rubber gasket of not less than 3mm thickness ,required hardware, separate detachable gland plate M.S. base channel (min75mm) , hinged door with locking arrangement for equipment/switchgear. (c) Interconnection between bus bar and switchgears /cable shall be rigidly supported and made out by flexible copper wires (up to 125 amp) and by solid bus bar (>125 amp) . All joints / interconnections of copper bus bar shall be dully tinned . Clearance between main bus	1	Nos	5931.00	each	5931.00
28	E081000	Providing & Fixing of ISO certified company made UL listed , IP 65 110/220 V, unibody LED Indicating lamp IEC 60947 , CSA 22.2 with integral circuit, IP 20 terminal block, Approx. body dia for panel not less then 20 mm, length min. 50mm, front LED cover dia min. 29 mm, contact material phospher bronze for Led, PCB contacts shall be of brass (tin 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	6.5	sqm	1800.00	per sqm	11700.00
	E081001	Red/yellow/Green colour					
	E081002	Blue / white Colour	3	Nos	131.00	Each	393.00
29	E082400	P & F Cam operated rotary switches on existing panel with 2 way and off position	1	Nos	215.00	Each	215.00
	E082440	Four pole					
	E082443	63 A					
30	E081600	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	1	Nos	1578.00	Each	1578.00
	E081620	4 pole Power contactors with following AC 1 Rating					
	E0816204	63 Amp	1	Nos	3464.00	Each	3464.00
31	E082100	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					
	E082102	One day & week reserve (digital type)	1	Nos	4692.00	Each	4692.00
32	E080200	Supplying and fixing of Aluminium (IEC 60105 ISO 209-1,2) / Copper (IEC 60028) bus bar as per PWD specification for electrical Works, by means of SMC / DMC type insulator, 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					
	E080201	Electrolytic grade Aluminium bus bar 6010 grade	1.5	KG	458.0	Per KG	687.00

S.N.	Code	Description	Qty	Unit	Rate	Unit	Amount
33	E080400	Providing & Fixing of IP 51 (upto 500) V range Volt meter on existing panel as per PWD specification for electrical Works, making connection by PVC insulated copper conductor with PVC sleeves / channel etc. Meter shall give true RMS measurments, acc. CI 1.0 or better , with field programmable primary & sec. values PT(VT) primary upto 2000 KV. Field programmable high and low threshold values, meter shall compliance of IS 13875 & IEC 61236. as required. OEM Must have BIS certificate and & shall have submit NABL / CPRI / ERDA 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	1	Nos	1083.00	Each	1083.00
34	E080600	Providing & Fixing of CT operated direct reading type IP- 51 Ampere meter on existing panel as per PWD specification for electrical Works, making connection by PVC insulated copper conductor with PVC sleeves / channel etc. Ampere meter shall give true RMS measurement, Acc. CI 1.0 or better , Measuring current range 50 mA to 6 A, with Field-programmable primary and secondary values CT primary up to 15000 A, Field-programmable high and low threshold values as required. compliant to IS 13875, & IEC 61326. OEM Must have BIS certificate and & shall have submit NABL / CPRI / ERDA lab test reports before execution & . All as per pre approved by Engineer in charge. For additional technical parameter of products/ work, refer Annexure "A" attached with this BSR.	1	Nos	1069.00	Each	1069.00
	E080610	Digital type Confirming to IEC 62053-21	1	Nos	1069.00	Each	1069.00
	E080611	Below 500 A					
35	E110100	Providing & Laying P.V.C. / XLPE insulated & P.V.C. sheathed Unarmoured/ Armoured aluminium cable of 1.1 KV grade as per PWD specification for electrical Works in existing RCC / Hume / Stoneware / PVC pipe/ open duct/cable trench with filling of excavated earth in trench , on existing cable trays or on surface etc. including making necessary connection, testing etc. as required of size and as per points (a), (b), (c), mentioned below:- (a) Material :- H4- Grade aluminium conductor of purity >99.6 % & as per IS:1554 P-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 assurance & 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.	100	Mtr	209.00	RM	20900.00
	E110136	35.0 Sq. mm	85	Mtr	112.00	RM	9520.00
	E110133C	4 core	350	Mtr	71.00	RM	24850.00
	E110133	10.0 Sq. Mm					
	E110133C	4 core					
	E110132	6.0 Sq. mm					
	E110132A	2 core					
36	E040500	Supply & drawing Wiring for sub mains as per PWD specification for electrical Works with ISI marked (IS:694) , 1100 Volts grade PVC insulated flat twin core sheathed solid aluminium conductor with 10 SWG G.I. Support wire duly clipped including all as per pre approved by Engineer in charge, making connections, as required. OEM Must have its own in house NABL lab setup for all testing facilities for wires. For additional technical parameters of products/work , refer Annexure "A" attached with this BSR .	100	Mtr	56.00	RM	5600.00
	E040502	6.0 Sqmm					
TOTAL (G- Schedule) Rs.							1000000.00

अधिशृष्टी अभियन्ता (वि.)
नगर निगम जोधपुर दक्षिण

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

Signature of Contractor

Jodhpur Municipal Corporation (South)

Name of Work : Supply, Installation, Testing and commisioning Stage lighting at Gandhi Maidan

(RUIDP 2022)

Schedule

G-Schedule (Part- A)

S.N.	Code	Description	Qty	Unit	Rate	Unit	Amount
1	E010400	S&F following sizes (dia.) of ISI marked MMS (IS:9537 P - III) vergin material PVC conduit as per PWD specification for electrical Works along with its accessories (IS: 3419) as required in recess including cutting the wall, covering conduit and making good the same as required. All relative and latest acceptance tests reports by any NABL accredited lab for the conduit shall be submitted 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					
	E010412	25mm	350	Mtr	37.00	RM	12950.00
2	E010600	Wiring of twin control light point as per PWD specification for electrical Works with ISI marked 1.5 sq. mm nominal size FR PVC insulated unsheathed flexible copper conductor 1.1 kV grade (IS:694) and 1.5 sq. mm nominal size FR PVC insulated unsheathed flexible copper earth conductor 1.1 kV grade (IS:694) in recessed ISI marked MMS (IS:9537 P - III) vergin material PVC conduit & it's all accessories(J.B. , Bends etc.) , round tiles,2 nos. 18 SWG Hot Dipped Galvanized Modular Box with earth terminal ,2 Nos 6 A two way Modular switch, 3 pin ceiling rose / lamp holder/ 3 pin connector ,Modular face plate with grid plate, screws etc.,all as per pre approved by Engineer in charge, making connections, testing etc. complete as required. For specification of copper Conductor, Phenolic Laminated sheet's & Electrical/ Wiring accessories refer Chapter E - 04, E - 05 & E - 07. For additional technical parameters of products/ work , refer Annexure "A" attached with this BSR .					
	E010602	Medium point (up to 6 mtr.)	5	Pt	686.00	Per Point	3430.00
	E010603	Long pt. upto 10 mtr	10	Pt	876.00	Per Point	8760.00
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 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					
	E040101	1x1.5 mm	200	Mtr	12.00	RM	2400.00
	E040110	1x4.0 Sqmm	400	Mtr	27.00	RM	10800.00
	E040110	1x6.0 Sqmm	200	Mtr	42.00	RM	8400.00
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 10322 Complied. 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					
	E181207	High power LED flood light 150 watt	4	Nos	15067.00	Each	60268.00
5	4.1	Earth work in excavation in foundation, trenches etc. including dressing of sides and ramming of bottoms, including getting out the excavated material, refilling after laying pipe/ foundation and disposal of surplus excavated material at a lead upto 50m suitable site as per direction of Engineer for following depths, below natural ground / Road top level.					
	4.10.1.1	Depth upto 1.5 m	3.5	cum	210.50	Per Cum	736.75
6	21.1	Providing and laying in position cement concrete of specified grade excluding the cost of centring and shuttering - All work upto plinth level :					
	21.1.2	1:1½:3 (1 Cement : 1½ coarse sand : 3 graded stone aggregate 20 mm nominal size).	4	cum	5810.00	Per Cum	23240.00

S.N.	Code	Description	Qty	Unit	Rate	Unit	Amount
7	29.2	Structural steel work riveted, bolted or welded in built up sections, trusses and framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete:					
8	5216	2 mm thick PVC sheet confirming to IS 3462	400	Kg	88.10	per Kg.	35240.00
	3821	Mono Rail single girder crane for 1 Tonne capacity for lift upto 9 m with chain pulley block and travelling trolley excluding girder.	18	Sq Mtr	427.00	P. Sqmtr	7686.00
9	32.5	32.50 Painting with synthetic enamel paint of approved brand and manufacture to give an even shade :	2	Nos	16920.00	Each	33840.00
	32.50.1	Two or more coats on new work	145	Sq Mtr	97.50	P. Sqmtr	14137.50
TOTAL (G- Schedule) Rs.							221888.25

H-Schedule (Part- B)

S.N.	Code	Description	Qty	Unit	Rate	Unit	Amount	
1		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)	22	Nos.			Each	
2		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	
3		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	
4		Supply and Fixing of Distributor for connecting of Light as per required and as per direction of engineering incharge	1	Nos.			Each	
5		Supply and Fixing of Power Panel 25KW as per required and direction of engineering incharge	1	Nos.			Each	
6		Supply and Fixing of extra Accessories like Par light Pin, Socket, Messenger wire etc as per required and direction of engineering incharge	1	Job			Each	

अधियाणी अभियन्ता (वि.)
EX. En (Elect.)
नगर विधिम जोधपुर दक्षिण

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

H" Schedule

Item No. 1 _____ Each
Item No. 2 _____ Each
Item No. 3 _____ Each
Item No. 4 _____ Each
Item No. 5 _____ Each
Item No. 6 _____ Each

Signature of Contractor