



जोधपुर नगर निगम, (दक्षिण)



पोलोटैक्निक कॉलेज परिसर, रेजीडेन्सी रोड, जोधपुर

E-Mail-nnjelectrical@gmail.com

क्रमांक :- एफ.15/कार्य/2024/R2-14010

दिनांक :- 24/07/2024

निविदा सूचना

U.B. No.DLB2425WSQB04074

जोधपुर नगर निगम में पंजीकृत संवेदक, अन्य विभागों में पंजीकृत (E-EWSD-1) डिजिटल विद्युत लाईसेंस धारी संवेदकों से सिम्बलबन्ध निविदाये आमंत्रित की जाती हैं।

क्र.सं	कार्य का नाम	अनु. लागत लाखों में	धरोहर राशि रुपये	निविदा प्रपत्र मूल्य	कार्य करने की अवधि
01	वार्ड सं. 09 में विभिन्न स्थानों पर एलईडी लाइट्स लगाने का कार्य	2.00	4000	200/-	6 माह
02	वार्ड सं. 12 में विभिन्न स्थानों पर एलईडी व सेमीहाईमास्ट लगाने का कार्य	4.55	9100	200/-	6 माह
03	वार्ड सं. 13 में विभिन्न स्थानों पर एलईडी लाइट्स लगाने का कार्य	2.00	4000	200/-	6 माह
04	वार्ड सं. 14 में विभिन्न स्थानों पर एलईडी, डेकोरेटिव पोल लगाने का कार्य	5.00	10,000	200/-	6 माह
05	वार्ड सं. 15 में विभिन्न स्थानों पर एलईडी लाइट्स लगाने का कार्य	5.00	10,000	200/-	6 माह

निविदा देने की तिथि	दिनांक 26/7/24 सुबह 11:00 बजे
निविदा प्राप्त करने की तिथि	दिनांक 02/8/24 दोपहर 12:00 बजे
निविदा खोलने की तिथि व समय	दिनांक 02/8/24 दोपहर 2:00 बजे

यह निविदा वेबसाइट

<https://lsg.rajasthan.gov.in/mcis> एवं www.sppp.raj.nic.in देखी जा सकती हैं।

निविदा की महत्वपूर्ण शर्तें निम्नानुसार हैं:-

- अमानत राशि/धरोहर राशि निविदा प्रपत्र में दर्शाई गई कुल अनुमानित लागत की दो प्रतिशत होगी एवं जोधपुर नगर निगम में पंजीकृत संवेदकों से 1/2% धरोहर राशि पी डब्ल्यू एफ एण्ड एआर के नियमानुसार देय होगी। इसके अतिरिक्त सभी संवेदकों से 2% अमानत राशि देय होगी। पंजीकृत संवेदकों का पुनर्विलोकन आदेश संलग्न करना होगा अन्यथा निविदा में वंचित /निरस्त किया जायेगा।
- वित्त विभाग (जी एण्ड टी) राजस्थान नोटिफिकेशन दिनांक 22.10.2021 के अनुसार लोक उपापन में पारदर्शिता नियम 2013 के नियम 75 ए अनुसार अतिरिक्त परफोरमेन्स सिक्वोरिटी जमा करानी 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।
- यदि किसी कारणवश उस दिन अवकाश रहता है, तो अगले दिन उसी समय व उसी स्थान पर निविदाये खोली जायेगी।
- 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 संसोधन करता है अथवा अपनी निविदा वापस ले लेता है तो उसकी धरोहर राशि जब्त कर ली जायेगी।

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6. यदि संवेदक का नजदीकी रिश्तेदार (प्रथम रक्त सम्बन्धी व उनके पति/पत्नी) इस कार्य से सम्बन्धित जोधपुर नगर निगम कार्यालय में कार्यरत लेखाकार अथवा तकनीकी स्तर का किसी पद पर पदस्थापित हो तो इस कार्य पर निरुक्त करने पर प्रतिबन्ध रहेगा।
7. 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।
8. किसी निविदा को स्वीकार करने एवं बिना कारण बताये निरस्त करने के समस्त अधिकार सक्षम अधिकारी के पास सुरक्षित हैं। आर.पी.डब्ल्यू.ए-100की समस्त शर्तों मान्य होगी।
9. संवेदक को निविदा के साथ जीएसटी रजिस्ट्रेशन लगाना आवश्यक होगा अन्यथा निविदा पर विचार नहीं किया जाएगा।
10. 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 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 अन्यथा निविदा निरस्त कर दी जायेगी। संवेदक को बिल के समय PF चालान प्रस्तुत करना होगा।
11. संवेदक को RUIDP – 2023 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।
12. संवेदक को निविदा में मार्गें गये सभी दस्तावेज सलग्न करने होंगे अन्यथा निविदा में विचार नहीं किया जायेगा।

(डॉ. टी शुभमंगला)

I.A.S

आयुक्त

नगर निगम, (दक्षिण) जोधपुर

दिनांक :- 24/07/2024

क्रमांक :- एफ.15/कार्य/2024/R-14011 to 14015

प्रतिलिपि :-

1. सम्पादक **इतिहास प्रतिनिधि** को भेजकर लेख हैं कि आगामी अंक में नियमानुसार प्रकाशित कर बिल भुगतान हेतु प्रस्तुत करें।
2. ओसवाल डाटा जोधपुर इस निविदा को www.sppp.raj.nic.in पर अपलोड करावे।
3. मै. ईलाइट मंत्रा JMC वेबसाइट पर अपलोड करावे।
4. बिल लिपिक, नगर निगम, (दक्षिण), जोधपुर।
5. नोटिस बोर्ड, नगर निगम, (दक्षिण), जोधपुर।

आयुक्त

नगर निगम, (दक्षिण) जोधपुर ।

RajKaj Ref
9119222

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

Digitally Signed by T.
SHUBHAM ANGALA
Designation : Commissioner
Date : 24-07-2024 12:34:07

Jodhpur Municipal Corporation (South), Jodhpur

Name of work:-

Supply and fixing of LED street light in ward 9 in MCJS.

RUIDP-2023

Sn.	CODEno	Schedule PARTICULARS	("G" Schedule)			AMOUNT	
			QTY.	RATE			
1	67.12	Providing & Fixing of IK08, IP 66 protected LED Street Light Luminaire on existing bracket/pole. Fixture made of powder coated single piece pressure die cast aluminum material with heat dissipation fins on housing with UV stabilized PC (UV stablization report submitted for UV cover)/Toughened Glass cover and secondary lens on each LED & should be SMD type of 3 to 5 watt each . The System efficacy >=125 lm/ wt and potted driver & 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 , Power Factor >0.95 driver Efficiency >85% ,THD(I) <10% Humidity 10% to 90% RH Working Temp -5C to 45C . driver current <750mA. The luminaire shall be BIS certified and Trade mark certified. Life Expectancy Equal or more than 50000 burning hrs with Minimum 70% lumen maintained , CRI >70 and CCT 5700K +355K. Surge protection shall be min ≥ 4 KV internal and min 10 KV external inside driver compartment. driver should be Phase to phase protection of 440 V for 4 Hrs. Manufactures Word Mark/Name Engraved/Embossing on die cast housing to allow traceability/authenticity. Fixture shall be AS PER IS 10322 Complianced.OEM Must have its own in house NABL lab setup for all testing facilities for LED fixtures. (LM79/LM80) Certificate/ report with liable warranty of product/accessories from OEM shall be submitted. All as per pre approved by Engineer in-charge. For additional technical parameters of products/ work , refer Annexure "A" attached with this BSR .					
	67.12.3	LED Street Light fixture with Minimum lumen output 5600 lm	32	Nos	4,249.00	Each	135968
	67.12.5	LED Street Light fixture with Minimum lumen output 8700 lm	5	Nos	5,993.00	Each	29965
2	67.18	Providing & Fixing of Street light bracket made out from following size of ' B ' class , Medium class G.I. Pipe confirming to IS : 1239 P - 1 (2004) with heavy 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 .					
	67.18.3	32 mm Dia.	37	Mtr	761	Each	28157
3	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					
	53.1.2	2 x 1.5 sq.mm	120	Mtr	44	Each	5280
TOTAL G Schedule							199370.00
Say							2.0 lakh



XEN(Elect)
JMC

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

Signature of Contractor

Jodhpur Municipal Corporation (South), Jodhpur

Name of work:-

Supply and fixing LED and SHM in ward 12 in nagar nigam south jodhpur.

RUIDP-2023

		Schedule	("G" Schedule)			
S.no.	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 .				
	67.1.1	Poles with Octagonal Cross Section				
	67.1.6	8 Mtr.	3	Nos	15,520.00	Each 46560
2	67.8	Providing and Laying RCC Foundation for Octagonal / Conical Street Light poles, High mast Poles as per Drawing attach at Table P-4 with Following Procedure & All as per pre approved by Engineer in-charge. For additional technical parameters of products/ work , refer Annexure "A" attached with this BSR . A) Excavation of Pit for Foundation Size upto required depth from Ground level B) Dressing of Pit and Dry stone pitching 200 mm thick including supply of stones and preparing surface complete. C) Providing and laying in position cement concrete of M-10 grade of 75 mm thickness D) Reinforcement for R.C.C. work with TMT bars including straightening, cutting, bending, placing in position and binding all complete. E) Centring and shuttering including strutting , propping etc. and removal of form work for Footing and Pedestal F) Providing & Fixing of 2 no. Required Size PLB HDPE Pipe & Foundation Bolt with template as per OEM Recommendations. G) Providing and Laying Reinforce cement Concrete of M-25 grade in Footing and Pedestal including Curing the foundation for 7 days. H) Providing and Fixing Nosing Angle 40 mm x 40 mm x 6mm with 2 no. 100 mm long, 10 mm dia. Lugs on each face.				
	67.8.2	Pole Foundation for Octagonal pole from 7 Mtr. To 9 Mtr.	3	Nos	8,142.00	Each 24426
3	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 .				
	67.2.2	Double arm overhang	6	Mtr	3,397.00	RM 20382
4	67.11	Providing & Fixing of 1 nos IP-65 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 ≤ 750 mA. driver should be Phase to phase protection of 440 V for 4 Hrs. Electrical Connector , Surge Protection Min ≥ 4 KV 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 ± 35 K. 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				
	67.11.6	High Power LED Flood Light Minimum lumen output 14800 lm	12	Nos	9,094.00	Each 109128

5	67.12	Providing & Fixing of IK08, IP 66 protected LED Street Light Luminaire on existing bracket/pole. Fixture made of powder coated single piece pressure die cast aluminum material with heat dissipation fins on housing with UV stabilized PC (UV stabilization report submitted for UV cover) / Toughened Glass cover and secondary lens on each LED & should be SMD type of 3 to 5 watt each. The System efficacy >=125 lm/ wt and potted driver & 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, Power Factor >0.95 driver Efficiency >85%, THD(I) <10% Humidity 10% to 90% RH Working Temp -5C to 45C. driver current <750mA. The luminaire shall be BIS certified and Trade mark certified. Life Expectancy Equal or more than 50000 burning hrs with Minimum 70% lumen maintained, CRI >70 and CCT 5700K +355K. Surge protection shall be min ≥ 4 KV internal and min 10 KV external inside driver compartment. driver should be Phase with 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 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.					
	67.12.3	LED Street Light fixture with Minimum lumen output 5600 lm	15	Nos	4,249.00	Each	63735
	67.12.5	LED Street Light fixture with Minimum lumen output 8700 lm	20	Nos	5,993.00	Each	119860
6	67.18	Providing & Fixing of Street light bracket made out from following size of 'B' class, Medium class G.I. Pipe conforming 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.					
	67.18.3	32 mm Dia.	35	Mtr	761	Each	26635
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 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					
	60.2.3	10.0 Sq. mm					
	60.2.3.3	4 core	100	Mtr	197	Each	19700
	60.2.2	6.0 Sq. mm					
	60.2.2.1	2 core	100	Mtr	131	Each	13100
8	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					
	53.1.2	2 x 1.5 sq.mm	250	Mtr	44	Each	11000
TOTAL G Schedule							454526.00
Say							454526.00

XEN

XEN(Elect)
JMC

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

Signature of Contractor

Jodhpur Municipal Corporation (South), Jodhpur

Name of work:-

Supply and fixing of LED street light in ward 13 in MCJS.

RUIDP-2023

Sn.	CODEno	Schedule PARTICULARS	("G" Schedule)			AMOUNT	
			QTY.	RATE			
1	67.12	Providing & Fixing of IK08, IP 66 protected LED Street Light Luminaire on existing bracket/pole. Fixture made of powder coated single piece pressure die cast aluminum material with heat dissipation fins on housing with UV stabilized PC (UV stablization report submitted for UV cover) /Toughened Glass cover and secondary lens on each LED & should be SMD type of 3 to 5 watt each . The System efficacy >=125 lm/ wt and potted driver & 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 , Power Factor >0.95 driver Efficiency >85% ,THD(I) <10% Humidity 10% to 90% RH Working Temp -5C to 45C . driver current <750mA. The luminaire shall be BIS certified and Trade mark certified. Life Expectancy Equal or more than 50000 burning hrs with Minimum 70% lumen maintained , CRI >70 and CCT 5700K +355K. Surge protection shall be min ≥ 4 KV internal and min 10 KV external inside driver compartment. 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					
	67.12.5	LED Street Light fixture with Minimum lumen output 8700 lm	29	Nos	5,993.00	Each	173797
2	67.18	Providing & Fixing of Street light bracket made out from following size of ' B ' class , Medium class G.I. Pipe conforming 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					
	67.18.3	32 mm Dia.	29	Mtr	761	Each	22069
3	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					
	53.1.2	2 x 1.5 sq.mm	100	Mtr	44	Each	4400
TOTAL G Schedule							200266.00
Say							200266.00



XEN(Elect)
JMC

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

Signature of Contractor

Jodhpur Municipal Corporation (South), Jodhpur

Name of work:-

Supply and fixing of LED and Pole ward 14 in nagr nigam south jodhpur.

RUIDP-2023

Sn.	CODE No	Schedule PARTICULARS	("G" Schedule)			
			QTY.		RATE	AMOUNT
1	67.12	Providing & Fixing of IK08, IP 66 protected LED Street Light Luminaire on existing bracket/pole. Fixture made of powder coated single piece pressure die cast aluminum material with heat dissipation fins on housing with UV stabilized PC (UV stabilization report submitted for UV cover) /Toughened Glass cover and secondary lens on each LED & should be SMD type-of 3 to 5 watt each . The System efficacy >=125 lm/ wt and potted driver & 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 , Power Factor >0.95 driver Efficiency >85% ,THD(I) <10% Humidity 10% to 90% RH Working Temp -5C to 45C . driver current <750mA. The luminaire shall be BIS certified and Trade mark certified. Life Expectancy Equal or more than 50000 burning hrs with Minimum 70% lumen maintained . CRI >70 and CCT 5700K +355K. Surge protection shall be min ≥ 4 KV internal and min 10 KV external inside driver compartment. 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				
	67.12.3	LED Street Light fixture with Minimum lumen output 5600 lm	25	Nos	4,249.00	106225
	67.12.5	LED Street Light fixture with Minimum lumen output 8700 lm	26	Nos	5,993.00	155818
2	67.18	Providing & Fixing of Street light bracket made out from following size of 'B' class , Medium class G.I. Pipe conforming 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 .				
	67.18.3	32 mm Dia.	51	Mtr	761	38811
3	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				
	53.1.2	2 x 1.5 sq.mm	130	Mtr	44	5720
	53.1.5	1 x 2.5 sq.mm	80	Mtr	32	2560
4	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				
	60.2.3	10.0 Sq. mm				
	60.2.3.3	4 core	100	Mtr	197	19700
5	50.4	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				
	50.4.4	40 mm	80	Mtr	118	9440
6	67.1	Supply and erection of Galvanized Iron pole with galvanizing done in single dipping (Average coating thickness Minimum 65 Microhs) 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 .				
	67.1.1	Poles with Octagonal Cross Section				
	67.1.1.2	4 Mtr.	8	Nos	8,001.00	64008

7	67.8	Providing and Laying RCC Foundation for Octagonal / Conical Street Light poles, High mast Poles as per Drawing attach at Table P-4 with Following Procedure & All as per pre approved by Engineer in-charge. For additional technical parameters of products/ work , refer Annexure "A" attached with this BSR . A) Excavation of Pit for Foundation Size upto required depth from Ground level B) Dressing of Pit and Dry stone pitching 200 mm thick including supply of stones and preparing surface complete. C) Providing and laying in position cement concrete of M-10 grade of 75 mm thickness D) Reinforcement for R.C.C. work with TMT bars including straightening, cutting, bending, placing in position and binding all complete. E) Centring and shuttering including strutting , propping etc. and removal of form work for Footing and Pedestal F) Providing & Fixing of 2 no. Required Size PLB HDPE Pipe & Foundation Bolt with template as per OEM Recommendations. G) Providing and Laying Reinforce cement Concrete of M-25 grade in Footing and Pedestal including Curing the foundation for 7 days. H) Providing and Fixing Nosing Angle 40 mm x 40 mm x 6mm with 2 no. 100 mm long, 10 mm dia. Lugs on each face.					
	67.8.1	Pole Foundation for Octagonal pole from 3 Mtr. To 6 Mtr.	8	Nos	5973	Each	47784
8	48.12	Providing & Fixing of ISO certified company made IK10 IP65 protected Top/Bottom mounted LED Post top Light system. Fixture made of powder coated die cast aluminium housing with UV stabilized PC diffuser. The System level Luminous efficacy ≥ 90 Lumen/W. SMD LEDs is to be used, System CRI >70 , CCT: 3000/4000/6500 K. The integral electronic driver must be potted & has a unique BIS R number must be potted & has a unique BIS R number constant current and Internal/external surge protection device of min. 4KV(L-N) and efficiency $> 85\%$, PF >0.9 , THD $<20\%$ and input Voltage range of 90-270V AC at 50Hz. System life of 30000 Burning hours with 70% of Initial Lumens maintained Light output in Cool white or Warm White Colour as per engineers choice. driver current <1000 mA shown in LM79 report. Fixture must be in compliance with BIS Standards and T.C . Certificate complete in all respect.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. All as per pre approved by Engineer in-charge.					
	48.12.1	30 W LED Post Top Fixture	8	Nos	6151	Each	49208
		TOTAL G Schedule					499274.00
Say							



XEN(Elect)
JMC

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

Signature of Contractor

Jodhpur Municipal Corporation (South), Jodhpur

Name of work:-

Supply and fixing of LED light in ward 15 at nagar nigam south jodhpur.

RUIDP-2023

Sn.	CODEno	Schedule PARTICULARS	("G" Schedule)			AMOUNT	
			QTY.		RATE		
1	67.12	Providing & Fixing of IK08, IP 66 protected LED Street Light Luminaire on existing bracket/pole. Fixture made of powder coated single piece pressure die cast aluminum material with heat dissipation fins on housing with UV stabilized PC (UV stablization report submitted for UV cover) /Toughened Glass cover and secondary lens on each LED & should be SMD type of 3 to 5 watt each . The System efficacy >=125 lm/ wt and potted driver & 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 , Power Factor >0.95 driver Efficiency >85% ,THD(I) <10% Humidity 10% to 90% RH Working Temp -5C to 45C . driver current <750mA. The luminaire shall be BIS certified and Trade mark certified. Life Expectancy Equal or more than 50000 burning hrs with Minimum 70% lumen maintained , CRI >70 and CCT 5700K +355K. Surge protection shall be min ≥ 4 KV internal and min 10 KV external inside driver compartment. driver should be Phase to phase protection of 440 V for 4 Hrs. Manufactures Word Mark/Name Engraved/Embossing on die cast housing to allow traceability/authenticity. Fixture shall be AS PER IS 10322 Complianced.OEM Must have its own in house NABL lab setup for all testing facilities for LED fixtures. (LM79/LM80) Certificate/ report with liable warranty of product/accessories from OEM shall be submitted. All as per pre approved by Engineer in-charge. For additional technical parameters of products/ work , refer Annexure "A" attached with this BSR .					
	67.12.5	LED Street Light fixture with Minimum lumen output 8700 lm	73	Nos	5,993.00	Each	437489
2	67.18	Providing & Fixing of Street light bracket made out from following size of ' B ' class , Medium class G.I. Pipe confirming to IS : 1239 P - 1 (2004) with heavy 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					
	67.18.3	32 mm Dia.	71	Mtr	761	Each	54031
3	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					
	53.1.2	2 x 1.5 sq.mm					
TOTAL G Schedule			190	Mtr	44	Each	8360
Say							499880.00
							5.0L

(Signature)

XEN(Elect)
JMC

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

Signature of Contractor