



जोधपुर नगर निगम, (दक्षिण)



पोलोटेक्निक कॉलेज परिसर, रेजीडेन्सी रोड, जोधपुर

E-Mail-nnjelectrical@gmail.com

क्रमांक :- एफ.15/विद्युत/कार्य/2024/14349

दिनांक :- 15/1/25

निविदा सूचना

U.B. No. DLB2425WSOB15090

जोधपुर नगर निगम में पंजीकृत संवेदक, अन्य विभागों में पंजीकृत (E-EWSD-I) डिजिटल विद्युत लाईसेंस धारी संवेदको से सिलबन्ध निविदायें आमंत्रित की जाती हैं।

क्र.सं	कार्य का नाम	अनु. लागत लाखों में	धरोहर राशि रुपये	निविदा प्रपत्र मूल्य	कार्य करने की अवधि
01	Renovation of C Sector Pole & LED light at various location ward of 41 JMC South	4.15	8300	200/-	2 माह
02	Supply and Fixing LED and SHM in Ward 35 in Nagar Nigam South Jodhpur	1.83	3660	200/-	6 माह
03	Supply and Fixing LED Lights in Ward 2 In Nagar Nigam South Jodhpur	1.00	2000	200/-	6 माह
04	SITC of CCTV at Garrage Jhalamand, Jodhpur	3.22	6440	200/-	2 माह
05	Electrification Work from vyas colony choraha to Tempo Stand main road in ward 62 in JMC South	3.76	7520	200/-	3 माह
06	Renovation Work and fixing of flood light at sahid smpark near by sanvit circle (NNJS)	3.75	7500	200/-	3 माह
07	Supply and fixing of CCTV camera at chidiyanath ji kaylana of Nagar Nigam South Jodhpur.	5.00	10000	200/-	3 माह
08	Supply and fixing of LED's and cement pole in ward 1 in MCJS.	2.00	4000	200/-	6 माह
09	Supply and fixing of LED street light in ward 10 in JMC south.	3.02	6040	200/-	6 माह
10	Supply and fixing of LED street light's in ward 34 in NNJ South	2.00	4000	200/-	6 माह

निविदा बचने की तिथि	दिनांक 23/01/25 सुबह 11:00 बजे
निविदा प्राप्त करने की तिथि	दिनांक 23/01/25 दोपहर 12:00 बजे
निविदा खोलने की तिथि व समय	दिनांक 23/01/25 दोपहर 2:00 बजे

यह निविदा वेबसाइट <https://lsg.rajasthan.gov.in/mcjs> एवं www.sppp.raj.nic.in देखी जा सकती है।

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 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। पंजीकृत संवेदको का पुनर्विलोकन आदेश संलग्न करना होगा अन्यथा निविदा में वंचित /निरस्त किया जायेगा।



2. 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।
3. 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।
4. यदि किसी कारणवश उस दिन अवकाश रहता है, तो अगले दिन उसी समय व उसी स्थान पर निविदाये खोली जायेंगी।
5. 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।
6. 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।
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 है। 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 न्युन्तम मजदुरी अधिनियम 1948 एवं राजस्थान अनुबंधित श्रमिका (नियमन एवं उन्मुलन) अधिनियम 1970 का पालन कराने 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 संलग्न करने होंगे अन्यथा निविदा में विचार नहीं किया जायेगा।

(डॉ. टी शुभमंगला)

I.A.S

आयुक्त

नगर निगम, (दक्षिण) जोधपुर

दिनांक :-

क्रमांक :- एफ.15/विद्युत/कार्य/2024/14350-14354

प्रतिलिपि :-

1. सम्पादक.....को भेजकर लेख है 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 करावें।
3. मै. ईलाइट मंत्रा JMC वेबसाइट पर अपलोड करावें।
4. बिल लिपिक, नगर निगम, (दक्षिण), जोधपुर।
5. नोटिस बोर्ड, नगर निगम, (दक्षिण), जोधपुर।

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

Digitally Signed by T.

SHUBHAMANGALA

Designation: आयुक्त
Commissioner

Date: 11/10/25 (दक्षिण) जोधपुर

Jodhpur Municipal Corporation (South), Jodhpur

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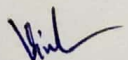
Name of work:- **Renovation of C sector park and led light at various location in Ward 41 of JMC south**
 RUIDP-2023

S.no.	CODE no	Schedule PARTICULARS	("G" Schedule)			
			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.	4	Nos	15,520.00	Each 62080
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.	4	Nos	8,142.00	Each 32568
3	67.2	Supply and Fixing of Pole OEM fabricated hot dipped galvanized M.S. Overhang (48.3 X 3.25 mm) with cap (40 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	8	Mtr	3,397.00	Each 27176
4	67.12	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(l) <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 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 .				
	67.12.5	High Power LED Flood Light Minimum lumen output 12400 lm	14	Nos	6,048.00	Each 84672

5	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 - 1 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						
	60.2.3	10.0 Sq. mm	250	Mtr	197.00	Each	49250	
	60.2.3.3	4 core						
6	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	200	Mtr	44	Each	8800	
7	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 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 .						
	67.12.5	LED Street Light fixture with Minimum lumen output 8700 lm	20	Nos	5993	Each	119860	
8		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 .						
		32 mm Dia	20	Nos	761	Each	15220	
TOTAL G Schedule							399626.00	

H SCH

S.no.	1	Removing of tubular pole in all respect including required site pandestal ,iron support etc. Removing pole should be deposited in nigam office /store including loading unloading as per direction of engineering incharge.	8	Nos		Each	
	2	Removing and refixing of LED lights from existing site as per direction of engineering incharge	12	Nos		Each	
TOTAL H Schedule							
TOTAL (G+H) Schedule							


XEN(Elect)

I agree to do above "G" Schedule work Above/ Below RUIDP 2023 and JMC terms and conditions.
and H Sch. @ 1 item.....each
and H Sch. @ 2 itemeach

Signature of Contractor

(2)

Jodhpur Municipal Corporation (South), Jodhpur

Name of work:-

Supply and fixing LED and SHM in ward 35 in nagar nigam south jodhpur.

RUIDP-2023

S.no.	CODE no	PARTICULARS	("G" Schedule)			
			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	1	Nos	15,520.00	Each 15520
	67.1.6	8 Mtr.				
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.	1	Nos	8,142.00	Each 8142
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 .	2	Mtr	3,397.00	RM 6794
	67.2.2	Double arm overhang				
4	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 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				
	67.11.6	High Power LED Flood Light Minimum lumen output 14800 lm	4	Nos	9,094.00	Each 36376

MOUNT

902

54

10

5.00

lac

(3)



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 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 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.						
	67.12.5	LED Street Light fixture with Minimum lumen output 8700 lm	15	Nos	5,993.00	Each	89895	
6	67.18	Providing & Fixing of Street light bracket made out from following size of 'B' class, Medium class G.I. Pipe confirming to IS : 1239 P - 1 (2004) with heavy 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.	15	Mtr	761	Each	11415	
7	60.2	Providing & Laying P.V.C. / XLPE insulated & P.V.C. sheathed Armoured Aluminium cable confirming to IS:1554 P-I / IS :7098 P - I of 1.1 KV with H4-Grade electrolytic aluminium conductor confirming to IS 8130 of purity >99.6 %, round / flat strip armouring of cables, Inner / outer sheath confirming 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						
	60.2.3	10.0 Sq mm						
	60.2.3.3	4 core	50	Mtr	197	Each	9850	
8	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	40	Mtr	62	Each	2480	
9	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	50	Mtr	44	Each	2200	
TOTAL G Schedule							182672.00	
Sav							1.83L	

[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



Jodhpur Municipal Corporation (South), Jodhpur

Name of work:- **Supply and fixing LED lights in ward 2 in nagar nigam south jodhpur.**

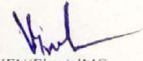
RUIDP-2023		Schedule	("G" Schedule)				
S.no.	CODE no	PARTICULARS	QTY.		RATE	AMOUNT	
1	67.12	Providing & Fixing of IK08, IP 66 protected LED Street Light Luminaire on existing bracket/pole. Fixture made of powder coated single piece pressure die cast aluminum material with heat dissipation fins on housing with UV stabilized PC (UV 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 Comlianced 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	14	Nos	5,993.00	Each	83902
2	67.18	LED Street Light fixture with Minimum lumen output 8700 lm . 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 .	14	Mtr	761	Each	10654
3	53.6	32 mm Dia 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	50	Mtr	62	Each	3100
	53.6.1	4.0 Sq. mm					97656.00
TOTAL G Schedule							1.00 lac
Sav							

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:-		SITC of CCTV at Garrage jhalamand, Jodhpur					
RUIDP-2023 PWD BSR 2022							
		Schedule)		("G" Schedule)			
S.no.	CODE no	PARTICULARS	QTY.	RATE	AMOUNT		
1	48.3.18	Supply, Installation, Testing & Commissioning of 5 MP IR Fixed Bullet Network Camera - 1/2.7 inch Progressive Scan CMOS, 2592 x 1944 at 25fps, 2.8 mm Fixed lens, 0.003 Lux at F1.4, 0 Lux with IR on, ICR, ONVIF (PROFILE S, PROFILE G, PROFILE T), support H.265, H.264, MJPEG, 120db WDR, 3D Digital Noise Reduction, BLC, HLC, Three individually configurable stream, 12 VDC & PoE, IR range: 40m, Support on-board storage including SD Card up to 256 GB, IP67, Alarm 1 inputs, 1 outputs, Audio 1 inputs, 1 outputs, Edge Analytics- Line crossing detection, Intrusion detection, Motion detection, Region entrance detection, Region exiting detection, Scene change detection, Face capture, Video tampering, audio exception detection, False alarm reduction through human and vehicle target classification based on deep learning CE, FCC, BIS certified	10	Nos	13,472.00	Each	134720.00
2	E200400(PWD)	08port Unmanaged Network PoE Switch 8 port PoE Switch with PoE standard of IEEE 802.3af, IEEE 802.3at, PoE port, Uplink ports	2	Nos	5,820.00	Each	11640.00
3	48.3.7	SITC of 55" 4k Resolution or Better LED TV with remote control and wall mount unit / floor stand complete with making connections etc. as required.	1	Nos	77,425.00	Each	77425.00
4	69.16	Communication enclosure (Rack) made from powder coated (60 to 80 Micron) CRCA sheet, front sturdy sheet steel frame folded from one piece and welded with minimum 5mm toughened glass door, Vertical Mounting Rail 1.6 MM with 'U'Marking, with All round protective channel on the door aperture, lock integrated on front door, top and bottom cover with cable entry provision with gland plates, integrated side walls, 2 pair of 19" angles with wall mounting provision on wall. Accessories like: 1 No of 19" 1U Horizontal Cable manager, 1 No of 90 cfm 230V AC Fan with 1 mts long cable, mounting hardware, 1 No of 19" 1U, mountable socket strips with 5 nos of 5A universal sockets with 2 mts long power chord for supplying power to switches, fans etc along with earth continuity kit, indicator, moulded power supply cable. fixing on wall with Suitable Anchor faster etc as required. All	1	Nos	9,402.00	Each	9402.00
5	69.16.1	6 U Rack with Width 600 mm & Depth 400 mm + 100 mm	1	Nos	9,402.00	Each	9402.00
6	69.1	Supply, Drawing and Testing of 4 pair, 23 AWG Solid Bare Copper wire insulated with PVC, UTP (Unshielded Twisted Pair), Category 6, Class E, 100 Ohm Impedance, Indoor Cable as per latest ammendments of ANSI/TIA/EIA-568, The copper conductors should be balanced twisted in pairs, seperated by a cross-member fluted pair divider & protected by PVC Jacket. Certified performance in a 4-connector configuration upto 100 Mtrs channel requirements & transmission frequencies up to 250 Mhz in existing MS/PVC Conduits/casing capping including making connections to Information outlets and Patch Panels with jack & ferruling at both ends for identification with necessary tools for punching, stripping, crimping and testing etc as required 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	350	Mtr	50.00	Each	17500.00
	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	150	Mtr	57.00	RM	8550.00
7	50.4.2	25 mm	150	Mtr	57.00	RM	8550.00
8	54.15	P & F 3.0 mm thick poly propylene plastic polished concealed fan box square of size 106X106 mm dia depth 50mm 10mm dia rod of MS wih chrome plated with 55 mm leanth exted on each side	15	nos	122.00		1830.00
9	27.5 PWD BSR 2022	Supply, Installation, Testing & Commissioning of 16 ch NVR PRE licened. NVR supports upto 40 TB HDD SUPPORTS, 16CH ip INPUTS, SUPPORT ANR technology, 320mbps incoming bandwidth support up to 12 mp full channel recording, support h.265 compression, 16 ch supervised playback @ 1080 p. For additional technical parameters of	1	Nos	32,000.00	Each	32000.00
10	27.5 PWD BSR 2022	Supply, Installation, Testing & Commissioning of of 3.5" 6 TB SATA ,USB 3.0 Surveillance Hard Disk .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	14,160.00	Each	28320.00
TOTAL G Schedule							
						321387.00	


XEN(Elect) JMC

I agree to do above "G" Schedule work Above/ Below RUIDP 2023 and JMC terms and conditions.

Signature

Jodhpur Municipal Corporation (South), Jodhpur

Name of work:-

Electrification work from vyas colony choraha to tempo stand main road in Ward 62 of JMC South

RUIDP-2023

S.no.	CODE no	Schedule PARTICULARS	("G" Schedule)			
			QTY.		RATE	AMOUNT
1	68.1	Supply and erection of P.C.C. pole as per REC manual no 15/1979 (ammended upto date) and as per latest Discom specifications with factor of safety 2.5 including excavation of pit upto pole planting depth 1/6th of pole length. and back filling with stone aggregate/boulders and soil by ramming and watering etc complete as required. All as per pre approved by Engineer in-charge. For additional technical parameters of product / work refer Annexure 'A' attached with this BSR				
	68.1.2	9.0 Mtr long PCC pole of 200 Kg Working Load	20	Nos	5,163.00	Each 103260
2	68.24	Supplying and drawing of XLPE insulated LT Aerial bunched Aluminium conductor cable confirming to IS 14255/1995 and IS 398 (Pt-4)/ 1994 and as per Discom Specs. on existing cross arms through I hook with all necessary T&P required including binding and twisting etc. complete in all respect as required. All as per pre approved by Engineer in-charge. For additional technical parameters of products/ work, refer Annexure "A" attached with this BSR.				
	68.24.2	1 X 25 sq. mm. + 1X25 sq. mm. (insulated)	700	Mtr	65.00	Each 45500
3	68.3	Supply and fixing of following LT Supporting accessories with nut bolt & Clamps made out as per standard Discom's specifications with two coats of Red oxide and two coats of Aluminium paint etc. as required. All as per pre approved by Engineer in-charge. For additional technical parameters of product / work refer Annexure 'A' attached with this BSR				
	68.3.1	LT cross arm 600 mm long with clamp	20	Nos	472.00	Each 9440
4	68.5	Supply and fixing of LT porcelain shackle insulator as per IS:1443 1979 and as per Discom's standard specifications, suitable for working voltage 1100 volts including all accessories like GI Hardware fittings confirming to IS:7935/1975 (latest ammended) Nut, Bolt etc. as required. All as per pre approved by Engineer in-charge. For additional technical parameters of product / work refer Annexure 'A' attached with this BSR				
	68.5.1	75mm x 90mm	46	Nos	112.00	Each 5152
5	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.	60	Mtr.	761.00	Each 45660
6	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 < 750 mA. 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 $\min \geq 4$ 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 Comlianced 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.				
	67.12.7	LED Street Light fixture with Minimum lumen output 12500 lm	20	Nos	7,862.00	Each 157240

7	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	150	Mtr	44.00	Each	6600	
8	68.2	Supply and erection of GI stay set confirming to pattern-1 of BS:16/1974 and as per latest Discom Specifications complete with stay rod with anchor plate fitted with cast iron cross head and steel bow, in cement concrete 1:3:6 including excavation of pit-re-filling etc complete as reqd. All as per pre approved by Engineer in-charge. For additional technical parameters of product / work refer Annexure 'A' attached with this BSR						
	68.2.2	Stay set of dia 16mm, 1.8m long stay rod and anchor plate 300 x 300 x 4.0 mm	3	Nos	857.00	Each	2571	
TOTAL G Schedule								375423.00

XEN
XEN(Elect)

I agree to do above "G" Schedule work Above/ Below RUIDP 2023 and JMC terms and conditions..

Signature of Contractor

Jodhpur Municipal Corporation (South), Jodhpur

Name of work:-

Renovation work and fixing of flood light at sahid samark near by Sanvit circle Nagar nigam south jodhpur.

RUIDP-2023

Schedule		("G" Schedule)					
S.no.	CODE no	PARTICULARS	QTY.		RATE		AMOUNT
1	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	7	Mtr	3,397.00	Each	23779
	67.2.1	Double arm overhang					
2	67.11	Providing & Fixing of IK05 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 Capacitor Surge Protection Min >=4KV internal and 10KV external but	15	Nos	11,128.00	Each	166920
	67.11.5	High Power LED Flood Light Minimum lumen output 18650 lm					
3	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	800	Mtr	197.00	Each	157600
	60.2.3	10.0 Sq. mm					
	60.2.3.3	4 core					
4	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	300	Mtr	62.00	Each	18600
	53.6.1						
5		Providing & Fixing of 240/415 V isolator 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 overall poles for operation, two position din rail mounting, minimum phase termination capacity of 35sq.mm. IP 20 contact protection and fitted in existing distribution board / sheet including making connections, testing etc. as required. OEM shall	8	Nos	360.00	Each	2880
	55.2.1	Double pole Isolator					
	55.2.1.1	30 A / 40 A rating					
6	70.12	Supply & fixing of GI pipes conforming to IS : 1239 P - 1 (2004) with flanges duly screwed & welded including rubber washer, nuts & bolts of 8mm dia 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	10	P mtr	526.00	Each	5260
	70.12.1						
TOTAL G Schedule							375039.00
Say							375039.00

XEN
XEN(Elect)

I agree to do above "G" Schedule work Above/ Below RUIDP 2023 and JMC terms and conditions.

Signature of Contractor

Jodhpur Municipal Corporation (South), Jodhpur

Name of work:-
RUIDP-2023
PWD BSR

Supply and fixing of cctv camera at chidiyanath ji Kaylana of Nagar Nigam south jodhpur.

		Schedule	("G" Schedule)			
S.no.	CODE no	PARTICULARS	QTY.		RATE	AMOUNT
1	48.3	Smart City Surveillance with vehicle Identification & Counting				
a	48.3.3	Add Extra for Laying of one number PVC insulated and PVC sheathed / XLPE power cable of 1.1 KV grade direct in ground including excavation of trench of size 75 cm (Depth) x 35 cm(Width) , with procedure as per following points:- (a) Make a river sand bed of height 125 mm along the trench, (b) Lay the cable in the middle of the trench, (c) Provide river sand bed of height 125 mm on top of the cable, (d) Lay the protective Common burnt clay F.P.S. Bricks of Class designation 75 / Sand stone slabs of 50 mm thickness and 225 mm wide just above the sand bed vertically across the cable (Approx. 9 no. Bricks per Mtr.), (e) Backfill the excavated soil leaving 300 mm from the Ground level, (f)Lay the Cable warning tape and again back-fill the remaining portion of the trench upto the ground level and compacting the earth	1	Nos	31633.00	Each 31633.00
b	48.3.18	Supply, Installation, Testing & Commissioning of 5 MP IR Fixed Bullet Network Camera -1/2.7 inch Progressive Scan CMOS, 2592 x 1944 at 25fps, 2.8 mm Fixed lens, 0.003 Lux at F1.4, 0 Lux with IR on, ICR, ONVIF (PROFILE S, PROFILE G, PROFILE T), support H.265, H.264, MJPEG, 120db WDR, 3D Digital Noise Reduction, BLC, HLC, Three individually configurable stream, 12 VDC & PoE, IR range: 40m, Support on-board storage including SD Card up to 256 GB , IP67, Alarm 1 inputs, 1 outputs, Audio 1 inputs, 1 outputs, Edge Analytics- Line crossing detection, Intrusion detection, Motion detection, Region entrance detection, Region exiting detection, Scene change detection, Face capture, Video tampering, audio exception detection, False alarm reduction through human and vehicle target classification based on deep learning CE, FCC, BIS certified	14	Nos	13,472.00	Each 188608.00
c	48.3.14	16 port Unmanaged Network PoE Switch: 16 port PoE Switch with PoE standard of IEEE 802.3af , IEEE 802.3at, PoE port, Uplink ports	2	Nos	18,582.00	Each 37164.00
d	48.3.7	SITC of 55" 4k Resolution or Better LED TV with remote control and wall mount unit / floor stand complete with making connections etc. as required.	1	Nos	77,425.00	Each 77425.00
2	69.16.1	6 U Rack with Width 600 mm & Depth 400 mm + 100 mm	2	Nos	9,402.00	Each 18804.00
3	69.1	Supply, Drawing and Testing of 4 pair, 23 AWG Solid Bare Copper wire insulated with PVC, UTP (Unshielded Twisted Pair), Category 6, Class E, 100 Ohm Impedance, Indoor Cable as per latest amendments of ANSI/TIA/EIA-568 , The copper conductors should be balanced twisted in pairs, seperated by a cross-member fluted pair divider & protected by PVC Jacket. Certified performance in a 4-connector configuration upto 100 Mtrs channel requirements & transmission frequencies up to 250 Mhz. in existing MS/PVC Conduits/casing capping including making connections to Information outlets and Patch Panels with jack & ferruling at both ends for identification with necessary tools for punching, stripping, crimping and testing etc as required 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 .	350	Mtr	50.00	Each 17500.00
	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				
4	53.6.1	40 sq.mm	90	Mtr	62	RM 5580.00
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				
	50.4.2	25 mm	270	Mtr	57.00	RM 15390.00
6	27.3 PWD BSR 2022	Supply, Installation, Testing & Commissioning of 16 ch NVR Pre-licensed, NVR supports upto 40 TB HDD Support, 16ch IP inputs; ; Support ANR technology; 320mbps incoming bandwidth, supports up to I 2MP full channel recording; support H.265 compression; 16ch synchronised playback @1080p; support 3rd party cameras ONVIF type; 4K output; minimum 04 SATA HDD Slots; each slot should support upto I OTB HOD; Dual gigabit self adaptive Ethernet interface; serial inteface; USB interface; (all cameras and Storage-NVR should be of same make for the smooth 27.3 functioning of the system).complete with mounting accessories & junction box (to be provided by OEM) for cable management. Model should be : Certificates of Compliance: UL, CE/FCC, BIS. The CCTV OEM should have CMMI Level 5 or above or equivalent setup certification. The CCTV OEM should have its office and service/ support center in Rajasthan/II as per pre approved by Engineer in charge.For additional technical parameters of products/ work , refer Annexure "A" attached with this BSR.	1	Nos	32,000.00	Each 32000.00
7	27.5 PWD BSR 2022	Supply, Installation, Testing & Commissioning of of 3.5" 6 TB SATA ,USB 3.0 Surveillance Hard Disk .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	14,160.00	Each 28320.00

8	60.5	Add Extra for Laying of one number PVC insulated and PVC sheathed / XLPE power cable of 1.1 KV grade direct in ground including excavation of trench of size 75 cm (Depth) x 35 cm(Width) , with procedure as per following points:- (a) Make a river sand bed of height 125 mm along the trench, (b) Lay the cable in the middle of the trench, (c) Provide river sand bed of height 125 mm on top of the cable, (d) Lay the protective Common burnt clay F.P.S. Bricks of Class designation 75 / Sand stone slabs of 50 mm thickness and 225 mm wide just above the sand bed vertically across the cable (Approx. 9 no. Bricks per Mtr.), (e) Backfill the excavated soil leaving 300 mm from the Ground level, (f)Lay the Cable warning tape and again back-fill the remaining portion of the trench upto the ground level and compacting the earth	250	Mtr	190	RM	47500.00
TOTAL G Schedule							499924.00
Say							5.00L

[Handwritten 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

Jodhpur Municipal Corporation (South), Jodhpur

Name of work:-

Supply and fixing of LED's and cement pole in ward 1 in MCJS.

RUIDP-2023		Schedule	("G" Schedule)		RATE		AMOUNT	
Sr.	CODEno	PARTICULARS	QTY.					
1	68.1	Supply and erection of P.C.C. pole as per REC manual no 15/1979 (amended upto date) and as per latest Discom specifications with factor of safety 2.5 including excavation of pit upto pole planting depth 1/6th of pole length. and back filling with stone aggregate/boulders and soil by ramming and watering etc complete as required. All as per pre approved by Engineer in-charge For additional technical parameters of product / work refer Annexure 'A' attached with this BSR	4	Nos	5	163	Each	20652
2	68.3	9.0 Mtr long PCC pole of 200 Kg Working Load Supply and fixing of following LT Supporting accessories with nut bolt & Clamps made out as per standard Discom's specifications with two coats of Red oxide and two coats of Aluminium paint etc. as required. All as per pre approved by Engineer in-charge For additional technical parameters of product / work refer Annexure 'A' attached with this BSR	4	Nos		472	Each	1888
3	68.4	LT cross arm 600 mm long with clamp Supply and fixing of LT porcelain pin insulator as per IS 1445-1997 and as per Discom's standard specifications, suitable for working voltage 1100 volts including all accessories like MS Forged GI LT Pin confirming to IS:7935/1975 (latest amended) Nut, Bolt etc. as required. All as per pre approved by Engineer in-charge For additional technical parameters of product / work refer Annexure 'A' attached with this BSR	8	Nos		110	Each	880
4	68.5	100 mm x 70 mm Supply and fixing of LT porcelain shackle insulator as per IS:1443 1979 and as per Discom's standard specifications, suitable for working voltage 1100 volts including all accessories like GI Hardware fittings confirming to IS:7935/1975 (latest amended) Nut, Bolt etc. as required. All as per pre approved by Engineer in-charge For additional technical parameters of product / work refer Annexure 'A' attached with this BSR	4	Nos		112	Each	448
5	68.24	75mm x 90mm Supplying and drawing of XLPE insulated LT Aerial bunched Aluminium conductor cable confirming to IS 14255/1995 and IS 398 (Pt-4)/ 1994 and as per Discom Specs. on existing cross arms through I hook with all necessary T&P required including binding and twisting etc. complete in all respect as required. All as per pre approved by Engineer in-charge. For additional technical parameters of products/ work , refer Annexure "A" attached with this BSR .	160	Mtr		65	Each	10400
6	67.12	1 X 25 sq. mm. + 1X25 sq. mm. (insulated) 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 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 .	32	Nos		4,249.00	Each	135968
7	67.18	LED Street Light fixture with Minimum lumen output 5600 lm Providing & Fixing of Street light bracket made out from following size of ' B ' class , Medium class G.I. Pipe confirming to IS : 1239 P - 1 (2004) with heavy duty pole clamp, Saddles suitable fastners etc. as required. All as per pre approved by Engineer in-charge. For additional technical parameters of products/ work , refer Annexure "A" attached with this BSR .	32	Mtr		761	Each	24 352

3	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	80	Mtr	62	Each	4960
TOTAL G Schedule							199548.00
			Say				2.0 lakh

J. Bhalerao

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 10 in JMC south.**

RUIDP-2023		Schedule	("G" Schedule)			AMOUNT	
Sn.	CODE no	PARTICULARS	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 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 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	25	Nos	4,249.00	Each	106225
	67.12.5	LED Street Light fixture with Minimum lumen output 8700 lm	25	Nos	5,993.00	Each	149825
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.	50	Mtr	761	Each	38050
3	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 2 core	125	Mtr	62	Each	7750
TOTAL G Schedule							301850.00
Sav							3.02lac

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 lights in ward 34 in NNJ South.

RUIDP-2023		Schedule	("G" Schedule)			AMOUNT	
Sn.	CODEno	PARTICULARS	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 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 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.					
	67.12.8	LED Street Light fixture with Minimum lumen output 15000 lm	20	Nos	8,941.00	Each	178820
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.	20	Mtr	761	Each	15220
3	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 2 core	90	Mtr	62	Each	5580
TOTAL G Schedule							199620.00
Say							2.00L

[Handwritten 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