


जयपुर विकास प्राधिकरण, जयपुर

क्रमांक/जविप्रा/अधि./अभि-विद्युत- 1/2015/डी-505

दिनांक: 15/9/15

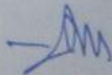
निविदा संशोधन सूचना

अधिशायी अभियंता विद्युत प्रथम, जविप्रा द्वारा निविदा सूचना संख्या 20/2014-15 के क्रम संख्या 1 Providing and fixing of street light from 12 Mile to Vatika Village and Vatika road (Kalla wala stand) to Govindpura scheme in Zone-14, JDA, Jaipur कार्य की निविदा जारी की गई थी उक्त कार्य के टेण्डर की बी.ओ.क्यू. में त्रुटिवश कुछ खामिया रह गई थी अतः इन खामियों को दूर कर इस कार्य की निविदा को रिवाइज अपलोड किया जा रहा है।
अन्य शर्तें एवं नियम यथावत रहेंगी।


अधिशायी अभियंता विद्युत प्रथम
जविप्रा, जयपुर।

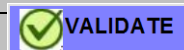
प्रतिलिपि सूचनार्थ एवं आवश्यक कार्यवाही हेतु प्रेषित है :-

1. निदेशक (अभियांत्रिकी) जविप्रा, जयपुर।
2. अतिरिक्त मुख्य अभियंता, (विद्युत) जविप्रा, जयपुर।
3. उपनिदेशक (व्यय एवं बजट), जविप्रा, जयपुर।
4. लेखाधिकारी (भुगतान), जविप्रा जयपुर।
5. जन सम्पर्क अधिकारी, जविप्रा, जयपुर।
6. सिस्टम एनालिस्ट, जविप्रा जयपुर।
7. रक्षित पत्रावली।


अधिशायी अभियंता विद्युत प्रथम
जविप्रा, जयपुर।

Tender Inviting Authority: Jaipur Development Authority, Jaipur

Name of Work : Providing and fixing of street light from 12 Mile to Vatika Village and Vatika road (Kalla wala stand) to Govindpura scheme in Zone-14, JDA, Jaipur



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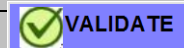
Contract No: NIB No-EE-Elect-I/20/2015-16

Bidder Name:		Less (-)		%	HELP
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SCHEDULE OF WORKS

Sl. No.	Description of work	No. or Qty.	Unit	Estimated Rate		AMOUNT Rs. P
				Figure	Words	
1.00	Supplying and drawing FR PVC insulated & unsheathed flexible copper conductor ISI marked (IS:694) of 1.1 kV grade and approved make in existing surface or recessed conduit/casing capping including making connections etc. as required.					
1.10	3 x 2.5 sq.mm	2760.00	mtr	60.00	Rupees Sixty Only	165600.00
2.00	P & F in position frame made out of M.S. angle (riveted or welded) finished with two coats of red oxide and enamel paint including cutting, welding, holes etc.of following sizes as required.					
2.10	50mm x 50mm x 6mm	192.50	mtr	313.00	Rupees Three Hundred & Thirteen Only	60252.50
3.00	P&F 240/415 V AC MCB with positive isolation of breaking capacity not less than 10 KA (B/ C/ D tripping characteristic) ISI marked IS 8828(1996)]/ conforming to IEC 60898 in existing board/sheets including making connections, testing etc. as required.					
3.10	Single pole MCB 6 A to 32 A rating	480.00	Each	151.00	Rupees One Hundred & Fifty One Only	72480.00
4.00	SITC of wall/ free standing floor mounted dust and vermin proof compartmentalised cubical panel made out of CRCA sheet , required hardware ,duly treated for derusting in 7 tank process with dephosphating and with powder coating on both side of panel in desired shade The panel having PU/ Neoprene rubber gasket of not less than 3mm thickness , separate detachable gland plate M.S. base channel ,hinged door with locking arrangement for equipment/switchgear . 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. (only outer area on all sides shall be measured & panel to be fabricated from CPRI approved fabricator)	216.00	sqm	2752.00	Rupees Two Thousand Seven Hundred & Fifty Two Only	594432.00
5.00	Supplying and fixing of Aluminium / Copper bus bar 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.					
5.10	Electrolytic grade Aluminium bus bar	54.00	Kg	420.00	Rupees Four Hundred & Twenty Only	22680.00
6.00	SF of 110/220 V, LED (22.5 mm dia) Indicating lamp with integral circuit, terminal block, including connection etc. as required.					
6.10	Red/yellow/Green colour	24.00	Each	150.00	Rupees One Hundred & Fifty Only	3600.00
7.00	P & F of ac operated heavy duty 230 /440 Volt power contactor conforming to IS:13947-4-1/IEC:947-4-1 having provision of mechanical interlocking, auxiliary contacts, Din rail mounting type including making connections, testing etc. as required.					
7.10	4 pole Power contactors with following AC 1 Rating 63 Amp	7.00	Each	3536.00	Rupees Three Thousand Five Hundred & Thirty Six Only	24752.00
8.00	P&F of mechanical / digital time switch having following day / week programme and minimum 100 hours reserve and AC1					
8.10	One day & week reserve (digital type)	7.00	Each	5746.00	Rupees Five Thousand Seven Hundred & Forty Six Only	40222.00
9.00	SITC of quick make and quick break 3 pole current limiting MCCB having following current rating, short circuit breaking capacity at 440/415 V, 50 Hz; O/L & S/C settings and conforming to IS 60947-2 / IEC 60947-2 with front face and centralised adjustable, line load interchangeability, having positive isolation capability, provision for UVR , shunt trip , earth fault trip, push (test) to trip, including making connections with lugs & spreaders, etc. as required. With Thermal Magnetic release					
9.10	up to 100 Amp , 16 kA, adjustable O/L & fixed S/C setting, Ics = 100 % Icu	40.00	Each	4250.00	Rupees Four Thousand Two Hundred & Fifty Only	170000.00

Signature of Tenderer with seal



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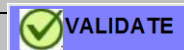


SCHEDULE OF WORKS

Sl. No.	Description of work	No. or Qty.	Unit	Estimated Rate		AMOUNT Rs. P
				Figure	Words	
10.00	SITC of quick make and quick break 4 POLE current limiting MCCB having following current rating, short circuit breaking capacity at 440/415 V, 50 Hz; O/L & S/C settings and conforming to IS 60947-2 / IEC 60947-2 with front face and centralised adjustable, line load interchangeability, having positive isolation capability, provision for UVR, shunt trip, earth fault trip, push (test) to trip, including making connections with lugs & spreaders, etc. as required. With Thermal Magnetic release					
10.10	up to 100 Amp, 16 kA, adjustable O/L & fixed S/C setting, Ics = 100 % Icu	7.00	Each	5800.00	Rupees Five Thousand Eight Hundred Only	40600.00
11.00	P/Laying P.V.C. / XLPE insulated & P.V.C. sheathed cable of 1.1 KV grade with aluminium conductor of IS:1554 P-I / IS :7098 P - I of Group 1 of approved make in ground as per IS:1255 including excavation of 30cmx75cm size trench, 25 cm thick under layer of sand, 11nd class bricks covering, refilling earth, compaction of earth, making necessary connection, testing etc. as required of size.					
11.10	10.0 Sq.mm 2 core	13200.00	mtr	137.00	Rupees One Hundred & Thirty Seven Only	1808400.00
11.20	16.0 Sq.mm 4 core	5320.00	mtr	178.00	Rupees One Hundred & Seventy Eight Only	946960.00
11.30	25.0 Sq.mm 3.5 core	6790.00	mtr	208.00	Rupees Two Hundred & Eight Only	1412320.00
12.00	Supplying and making one end termination with heavy duty single compression brass gland SIBG type, heavy duty aluminium lugs duly crimped with crimping tool, PVC tape etc for following size of Armoured PVC insulated & PVC sheathed/ XLPE aluminium conductor cable of 1100 volt grade as required of size.					
12.10	2 x 10.0 sq.mm	480.00	Per Set	55.00	Rupees Fifty Five Only	26400.00
12.20	3.5 x 25.0 sq.mm	14.00	Per Set	114.00	Rupees One Hundred & Fourteen Only	1596.00
12.30	4 x 16.0 sq.mm	80.00	Per Set	108.00	Rupees One Hundred & Eight Only	8640.00
13.00	Pipe Earthing as per IS:3043 with perforated 3.0 Mtr. Long, 40 mm dia. ' B ' class G.I. Pipe including all accessories like nut, bolts, reducer, nipple, wire meshed funnel, and C.C. finished chamber covered with hinged type with locking arrangement C.I. Cover, C.I. Frame of size 300mm x 300 mm and embodying the pipe complete with alternate layers salt and coke/ charcoal, testing of earth resistance as required.	40.00	Per Set	1650.00	Rupees One Thousand Six Hundred & Fifty Only	66000.00
14.00	Plate Earthing as per IS:3043 with G.I. Earth plate of size 600mm x 600mm x 6.0mm by embodying 3 to 4 mtr. below the ground level with 25 mm dia. G.I. 'B' class watering Pipe including all accessories like nut, bolts, reducer, nipple, wire meshed funnel, and C.C. finished chamber covered with hinged type with locking arrangement C.I. Cover, C.I. Frame of size 300mm x 300mm complete with alternate layers of salt and coke/charcoal, testing of earth resistance as required.	16.00	Per Set	4250.00	Rupees Four Thousand Two Hundred & Fifty Only	68000.00
15.00	S & Laying following size earth wire/strip in horizontal or vertical run in ground/surface/recess including riveting, soldering, saddles, making connection etc. as required.					
15.10	25mm x 3mm G.I. (Hot Dipped) Strip	240.00	mtr	58.00	Rupees Fifty Eight Only	13920.00
15.20	8 SWG G.I. (Hot Dipped) Wire	440.00	mtr	9.00	Rupees Nine Only	3960.00
16.00	S & Laying following size ' B ' class G.I. Pipe conforming to IS : 1239 P - 1 (1990) with accessories for laying earth conductor/strip / cable in ground/surface/recess as required					
16.10	100 mm dia.	300.00	mtr	667.00	Rupees Six Hundred & Sixty Seven Only	200100.00

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Sl. No.	Description of work	No. or Qty.	Unit	Estimated Rate		AMOUNT Rs. P
				Figure	Words	
17.00	Providing and fixing of 120W LED street light with pressure die cast aluminium housing & toughened glass with IP-66 degree of protection. Individual LED's must have lenses for better throw across & along the road with luminaire efficacy of greater than 100Lumen/watt, colour rendering (CRI) of = 70 and co-related colour temperature (CCT) of 5700K (±500K). The luminaire should bear 5KV surge protection, PF =0.9 (HPF) and total harmonic distortion of THD =10%, voltage range of 140-280V. Luminaire should have maintainable driver compartment for easy access during maintenance. The driver used must be a constant voltage/current driver with efficiency of =85% and compliance to IEC standards 60598. System life 50000 burning hours. The manufactures LOGO must be embossed into the housing of the luminaire. Manufactures to provide certificate of compliance LM80 from source manufacturer and should have adequate testing facilities at works (Approved by ministry of science Govt. of India/NABL) to perform tests LM80 and LM79	480.00	Each	29000.00	Rupees Twenty Nine Thousand Only	13920000.00
18.00	Supply and erection of M S swaged tubular pole conforming to IS: 2713-1980 (part I to II) with galvanised base plate in position including excavation of the pit and filling the same with C.C. of M-20 grade (1:1.5:3) from base plate to 50 cm above ground level, with the help of steel frame not less than 40 cm dia up to 114.3mm outer dia and 50 cm beyond 114.3mm outer dia around the pole. Duly finished with cement plaster, earthing terminals , cable entry, GI cable sleeve complete as required. The pole shall be fabricated by using ISI mark tube for structural purpose of following height & designation. (See Table F. 00 for poles)					
18.10	10 Mtr. (410 SP - 42)	240.00	Each	11088.00	Rupees Eleven Thousand & Eighty Eight Only	2661120.00
19.00	Add for supply and fixing of M S Overhang of following size over the existing poles					
19.10	88.9 mm OD x 3.25 mm thickness	720.00	mtr	650.00	Rupees Six Hundred & Fifty Only	468000.00
20.00	P&F of thermoplastic/ PVC cable junction boxes of following sizes including clamps for holding the box, cost of DIN rail for MCB mounting, connectors for cables terminals, threaded cable glands made of polyamide material etc. complete in all respect.					
20.10	175mm X 150mm X100mm	240.00	Each	450.00	Rupees Four Hundred & Fifty Only	108000.00
Total Estimated Cost in Figures						22908034.50
Quoted Amount						22908035.00
Quoted Rate in Words		Rupees Two Crore Twenty Nine Lakh Eight Thousand & Thirty Five Only				

Signature of Tenderer with seal