

Event Details

Event No:SPMCIL/Currency Note Press Nashik/Technical/50/22-23/ET/356[SITC OF COMPLETE STREET LIGHT]				Event Status
Trade:Works				Event Activated
Description of Event:SITC OF COMPLETE STREET LIGHT				Activities
Mode:E-Tender_HTML	Type Of Tender: Open	Bid Submission: Eventwise	Public Opening: YES	Published on: 16-01-2023 17:36:29.94
Tender Fee:Not Applicable		Document Upload:YES Coverwise Document Upload:YES		Activated on:16-01-2023 17:44:39.82 Tender Extended on: - Tender Opened on: - Price Opened on: - Event Cancelled on: -

Online Pre Bid Meeting	Bidding Period	Tender Opening Period	Price Bid Opening Date
Not Applicable	16.01.2023-06:00 PMTto17.02.2023-02:30 PM	17.02.2023-03:00 PMTto17.02.2024-03:00 PM	-

List Of Tender Document

SL. No.	Document Details	Document Type
1	22-23-ET-356[SITC OF COMPLETE STREET LIGHT]-169774-NIT-1191807-6000018002S.pdf	NIT

Vendor Document Upload Checklist For Technical COVER

SL. No.	Document Details
1	All the required documents as per section IX Eligibility Criteria as per Tender Documents
2	Duly Selated and Signed tender documents as per NIT uploaded tender documents no.6000018002

3	Confirmation of Technical Specification as per section VII of the Tender documents no.6000018002
4	Confirmation of Delivery Schedule as per clause no.01 of Section VI of Tender documents no.6000018002
5	Confirmation of price validity for 120 days from opening of Technical Bid in the form of Tender form as per section X of Tender documents no.6000018002

Vendor Document Upload Checklist For Price COVER

SL. No.	Document Details
1	Bidder has to submit duly filled price schedule in the format as per section XI of the tender documents

Tender Committee Members

Name	Designation	Office	Department	Email	Mobile No.	Encryption public key expiry date
KIRAN KUMAR VUPPALA	Jt. General Manager	Currency Note Press Nashik	Purchase,HR,Technical,Finance,IT, Marketing,R and D,Others	V.Kirankumar@spmcil.com	9096000418	2024-03-03 00:00:00.0
TUSHARKUMAR PRAKASH MAHAJAN	DGM	Currency Note Press Nashik	IT	tushar.mahajan@spmcil.com	8275022966	2024-03-03 00:00:00.0
RAJAPPA RAJASEKAR	Assistant Manager-TC	Currency Note Press Nashik	Technical	r.rajasekhar@spmcil.com	9890687389	2024-01-25 00:00:00.0

Common Terms

TERMS AND CONDITIONS

Sl.No	Terms	Component
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1	<p>Terms Conditions : 1.The interested bidders must visit CNP site prior to submitting the quote and satisfy themselves as regards to the total scope of work and give in writing along with the bid that they have fully understood the complete scope of work and have no queries in this regard. The successful bidder will have to complete the entire work to the satisfaction of CNP as per the given scope and quoted rates without any additional cost to CNP. 2. The site can be inspected on any working day excluding Sundays and holidays with prior intimation before Pre bid meeting. No site visit or queries are accepted regarding tender after pre bid meeting. 3. Since the entire work is to be completed on turnkey basis, all civil, electrical, masonry and welding material specific for this work including that of lifting and shifting devices, tools and tackles etc. for completion of this work in all respects are to be brought and arranged by the firm. 4. CNP will provide only free water and electricity for the job work. 5. The supply of material and the entire job work shall be guaranteed for minimum one year from the date of acceptance. 6. The firm shall attach the detailed product catalogue, certificates for cables, switchgear and earthing along with the quotation. 7. The firm on which the contract is awarded will be completely liable for the safety and security of the persons working in the premises of Currency Note Press. 8. All material and equipment supplied under this specification shall be new and unused. 9.</p>	Agree Only
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	<p>All the waste created during the work such as wires, cables, metal pieces, used glands, lugs, clamps and old used material replaced or removed during work should be shifted by the firm to the location decided by CNP official. 10. Material supply and installation work on turnkey basis are related to each other. Hence Supply of materials and their installation work shall be awarded to single firm as these are complementary in nature. 11. The material will be accepted on seller s guarantee certificate to be sent to the purchaser. 12. The firm shall carry out the megger test for whole installation before charging and submit the report. 13. The firm shall charge the cable after permission of CNP s authority in the presence of CNP s engineer.</p>	
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QUALITY CONTROL REQUIREMENTS

Sl.No	Terms	Component
1	ACCEPTANCE OF SECTION VII I.E. QUALITY CONTROL REQUIREMENT AS PER TENDER NO.6000018002	Agree Only

LIST OF REQUIREMENTS

Sl.No	Terms	Component
1	ACCEPTANCE OF SECTION VI I.E. LIST OF REQUIREMENTS AS PER TENDER NO.6000018002	Agree Only

QULIFICATION OR ELIGIBILITY CRITERIA

Sl.No	Terms	Component
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1	<p>1. Experience and past performance: The bidder should have experience of having successfully completed similar electrical works during last 7 years ending March - 2022. aThree similar completed works each costing not less than the amount equal to Rs.6,55,850- or bTwo similar completed works each costing not less than the amount equal to Rs.8,19,800-.or cOne similar completed work costing not less than the amount equal to Rs.13,11,650-.</p>	Agree Only
2	<p>2. Capacity and Capability:</p> <p>The bidder should be enlisted in either Central Public Works Department (CPWD) or Military Engineering Services (MES) or any other Government/PSU/Autonomous bodies.</p>	Agree Only
3	<p>3. Financial Standing:</p> <p>(a) Average Annual turnover of the bidder firm should be more than Rs. 6,55,850/- during last three years i.e. 2019-2020, 2020-2021 and 2021-2022.</p> <p>(b) Bidder firm should not have suffered any financial loss for more than one year during the last three financial years i.e. 2019-2020, 2020-2021 and 2021-2022.</p> <p>(c) The net worth of the firm should not be negative and should not have eroded by more than 30% in the last three financial years i.e. 2019-2020, 2020-2021 and 2021-2022.</p>	Agree Only

4	The bidder should submit Power of Attorney of the Authorized Signatory for signing the bid, entering in to contract, if awarded and for any other correspondences.	Agree Only
5	The bidders shall enclose attested copy of GST Registration (in REG 06) & attested copy of PAN.	Agree Only
6	The bidder should give undertaking/declaration that they have read and understood all the terms & conditions of tender documents and submitting unconditional acceptance to all terms & conditions.	Agree Only
7	The bidder should give a declaration that they have not been black-listed/ debarred for dealing by Government of India in the past.	Agree Only
8	The firm shall submit valid authorization certificate for the offered product, i.e., Power Cable, LED Lights and earthing system.	Agree Only
9	The interested bidder must be holding valid electrical contractor s licence/electrical supervisor licence issued by the competent authorities (State/Central) and copy of the same shall be enclosed along with the bid.	Agree Only

10	<p>Note:-</p> <p>(i) In support of experience & capability criteria, the bidder has to submit attested copies of P.O s, Experience certificates issue by customers.</p> <p>(ii) All experience, past performance & capacity/ capability related/data should be certified by the authorized signatory of the bidder firm.</p> <p>(iii) All financial standing data such as Balance Sheet, Profit & Loss account statement etc. should be certified by certified accountants e.g. Chartered Accounts or Cost Accountant. Financial statement duly certified by CA for year 2019-2020, 2020-2021 and 2021-2022 to be submitted.</p> <p>Bidder to furnish stipulated documents support of fulfillment of qualifying criteria. Non submission or incomplete submission of documents may lead to rejection of offer.</p>	Agree Only
PRE BID CONFERENCE		
Sl.No	Terms	Component
1	<p>AS PER CLAUSE NO.04 OF SPECIFIC INSTRUCTION OF TENDERS : The date and time of pre-bid conference is 10:30 am on 31.01.2023. the queries of the bidders should reach at least two days in advance. No further queries are entertained after pre-bid meeting.</p>	Agree Only

Lot Details

Lot Name 1	Category	Lot Description	Quantity/UOM	Currency	Ceiling Price	Estimated Price
SITC OF COMPLETE STREET LIGHTING SYSTEM	Electrical Works	Supply of 10 Sq.mm x 4 Core Aluminum Armored Cable.	1650.0MTR	INR	-	-

Lot No: 1 Specific Terms

TECHNICAL SPECIFICATION

Sl.No	Terms	Component
1	Technical Specifications: XLPE Insulated, inner sheathed, Armoured Power Cable, Conductor: Aluminium multi-strand, Voltage Grade: 1.1 KV, Size: 10 Sq.mm, Core: 4, Nominal System Voltage: 440 V - 10, Nominal System Frequency: 50 Hz -3, Conductor type: Stranded, Insulating Material: XLPE, Core Identification Strips: Red, Yellow, Blue, Black or Green, Cable shall be confirming to ISI IEC standards as applicable Make: Polycab Finolex Havells Anchor or Equivalent. Qty -1650 mtrs.	Agree Only

Lot No: 1 Price Parameters/ Formula

Variable Name	Name of Parameters	Sub Total (Example: a+b)	Type of Component	Places of decimal	Lumpsum
a	BASIC PRICE	-	Numeric Text Only	2	No
b	PACIKING AND FORWARDING CHARGES	-	Numeric Text Only	2	No

c	FREIGHT AND INSURANCE CHARGES	-	Numeric Text Only	2	No
d	GST AMOUNT ON TOTAL (acb)	-	Numeric Text Only	2	No

Price formula: a+b+c+d (Up to 2 Decimal Place)

Lot Details

Lot Name 2	Category	Lot Description	Quantity/UOM	Currency	Ceiling Price	Estimated Price
SITC OF COMPLETE STREET LIGHTING SYSTEM	Electrical Works	Laying, Installation, commissioning testing of 10 Sq.mm x 4 Core Aluminium Armoured XLPE Cable through underground Trench.	1650.0MTR	INR	-	-

Lot No: 2 Specific Terms

TECHNICAL SPECIFICATION

Sl.No	Terms	Component
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1	<p>Firm should carry out the laying installation work of above power cable from Feeder Pillar to Street Lights High mast in Loops through underground Cable Trench. Each group of 4 or 5 street Lights Should be in one loop their control should be with separate MCB at Feeder Pillar. Two Separate Cable loop should be used for Two High mast to be installed Separate MCB should be provided for its control at feeder pillar. One separate cable should be laid from feeder pillar to water Pump with separate MCB control. Firm should supply all required Cable Gland, Lugs, and Clamp whichever is required for termination installation work of the cable. Firm should provide the cable marker throughout the route of cable as required. The Aluminium lugs shall be used for connection to Aluminium bus-bar. The accessories like Lugs, cable glands etc. shall be of reputed make like Dowell s, Jain son, Etc. Qty 01AU 1650 Mtrs.</p>	Agree Only
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Lot No: 2 Price Parameters/ Formula

Variable Name	Name of Parameters	Sub Total (Example: a+b)	Type of Component	Places of decimal	Lumpsum
a	BASIC PRICE	-	Numeric Text Only	2	No
b	PACIKING AND FORWARDING CHARGES	-	Numeric Text Only	2	No
c	FREIGHT AND INSURANCE CHARGES	-	Numeric Text Only	2	No

d	GST AMOUNT ON TOTAL (acb)	-	Numeric Text Only	2	No
Price formula: a+b+c+d (Up to 2 Decimal Place)					

Lot Details

Lot Name 3	Category	Lot Description	Quantity/UOM	Currency	Ceiling Price	Estimated Price
SITC OF COMPLETE STREET LIGHTING SYSTEM	Electrical Works	Cable Trench Digging, filling leveling Work	1200.0MTR	INR	-	-

Lot No: 3 Specific Terms

TECHNICAL SPECIFICATION		
Sl.No	Terms	Component
1	Firm will carry out digging work of Cable Trench for the prescribed cable route Cable trench below ground will be 0.6 Meter deep 0.5 Meter wide. Cable lying shall have base layer of sand cable- sand then bricks inside the underground trench for supporting the cable. Once cable is laid through the cable trench it will be leveled with soil one layer of brick will be placed on the top of trench. Cable shall be laid as per Indian standard applicable. Qty 01AU 1200 mtrs	Agree Only

Lot No: 3 Price Parameters/ Formula

Variable Name	Name of Parameters	Sub Total (Example: a+b)	Type of Component	Places of decimal	Lumpsum
a	BASIC PRICE	-	Numeric Text Only	2	No

b	PACIKING AND FORWARDING CHARGES	-	Numeric Text Only	2	No
c	FREIGHT AND INSURANCE CHARGES	-	Numeric Text Only	2	No
d	GST AMOUNT ON TOTAL (acb)	-	Numeric Text Only	2	No

Price formula: a+b+c+d (Up to 2 Decimal Place)

Lot Details

Lot Name 4	Category	Lot Description	Quantity/UOM	Currency	Ceiling Price	Estimated Price
SITC OF COMPLETE STREET LIGHTING SYSTEM	Electrical Works	Supply of 60W LED Street Light Fittings 60 watt LED street light Luminaries	46.0NO	INR	-	-

Lot No: 4 Specific Terms

TECHNICAL SPECIFICATION

Sl.No	Terms	Component
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1	<p>Construction: - Pressure Die cast aluminum alloy housing, clear glass Polycarbonate UV stabilized clear transparent cover, heat resistant, toughened, Epoxy white grayblack powder coated finish, Consist of CREEOSRAMPhilips or equivalent make high power LEDs suitable inbuilt LED driver with adequate heat sink arrangement, complete prewired luminaries up to terminal box, Inbuilt adjustable clamp suitable for mounting on 40 mm to 50 mm dia pole. Operating voltage 140 to 270 Volts AC, 50 Hz, Input wattage: 60 watt Lumen output: 6600 or better, Total Harmonic Distortion THD : 10. LED modules: High efficiency long life LED modules with SMD LED package mounted on MCPCB. lumen efficiency of LED 110 lmwatt or better with PC lens to ensure better uniformity of light distribution Electronic driver :- Powered by built in electronic LED driver SMPS based constant current supply with lower THD, output open circuit protection, phase to phase protection, over voltage protection Surge protection as per applicable standards. Operating temp range - -10 to 50 Degree C C or better, Color temp 5500K-6500K Power factor - 0.95, Protection class : IP66 ingress protection with compliance certificate Standards: The luminaries shall comply with the safety standards harmonics standard as applicable. Average life span: 50000 burning hours or better. Make: Havells Wipro PhilipsCrompton or equivalent. Replacement Guarantee for LED fittings - Two years from date of</p>	Agree Only
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	supply. Qty 46 no s	
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Lot No: 4 Price Parameters/ Formula

Variable Name	Name of Parameters	Sub Total (Example: a+b)	Type of Component	Places of decimal	Lumpsum
a	BASIC PRICE	-	Numeric Text Only	2	No
b	PACIKING AND FORWARDING CHARGES	-	Numeric Text Only	2	No
c	FREIGHT AND INSURANCE CHARGES	-	Numeric Text Only	2	No
d	GST AMOUNT ON TOTAL (acb)	-	Numeric Text Only	2	No

Price formula: a+b+c+d (Up to 2 Decimal Place)

Lot Details

Lot Name 5	Category	Lot Description	Quantity/UOM	Currency	Ceiling Price	Estimated Price
SITC OF COMPLETE STREET LIGHTING SYSTEM	Electrical Works	Installation, commissioning testing of LED Street Light	46.0NO	INR	-	-

Lot No: 5 Specific Terms

TECHNICAL SPECIFICATION		
Sl.No	Terms	Component

1	Supply of two Way heavy duty hot dip galvanized Bracket for Street Light Pole. The two way bracket should be sturdy, suitable to existing street light pole with required 0-10 degree boom angle. The length of the bracket should be sufficient long to illuminate the street area. Qty 23 Nos	Agree Only
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Lot No: 5 Price Parameters/ Formula

Variable Name	Name of Parameters	Sub Total (Example: a+b)	Type of Component	Places of decimal	Lumpsum
a	BASIC PRICE	-	Numeric Text Only	2	No
b	PACIKING AND FORWARDING CHARGES	-	Numeric Text Only	2	No
c	FREIGHT AND INSURANCE CHARGES	-	Numeric Text Only	2	No
d	GST AMOUNT ON TOTAL (acb)	-	Numeric Text Only	2	No

Price formula: a+b+c+d (Up to 2 Decimal Place)

Lot Details

Lot Name 6	Category	Lot Description	Quantity/UOM	Currency	Ceiling Price	Estimated Price
SITC OF COMPLETE STREET LIGHTING SYSTEM	Electrical Works	Supply of two Way heavy duty hot dip galvanized Bracket for Street Light Pole	23.0NO	INR	-	-

Lot No: 6 Specific Terms

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TECHNICAL SPECIFICATION		
Sl.No	Terms	Component
1	Supply of two Way heavy duty hot dip galvanized Bracket for Street Light Pole. The two way bracket should be sturdy, suitable to existing street light pole with required 0-10 degree boom angle. The length of the bracket should be sufficient long to illuminate the street area. Qty 23 Nos	Agree Only

Lot No: 6 Price Parameters/ Formula

Variable Name	Name of Parameters	Sub Total (Example: a+b)	Type of Component	Places of decimal	Lumpsum
a	BASIC PRICE	-	Numeric Text Only	2	No
b	PACIKING AND FORWARDING CHARGES	-	Numeric Text Only	2	No
c	FREIGHT AND INSURANCE CHARGES	-	Numeric Text Only	2	No
d	GST AMOUNT ON TOTAL (acb)	-	Numeric Text Only	2	No

Price formula: a+b+c+d (Up to 2 Decimal Place)

Lot Details

Lot Name 7	Category	Lot Description	Quantity/UOM	Currency	Ceiling Price	Estimated Price
SITC OF COMPLETE STREET LIGHTING SYSTEM	Electrical Works	Supply of ISI Mark IP 65 protection MCB Box	23.0NO	INR	-	-

Lot No: 7 Specific Terms

TECHNICAL SPECIFICATION

Sl.No	Terms	Component
1	Supply of ISI Mark IP 65 protection MCB Box. ISI Mark IP 65 protection MCB Box Make Sintex or Equivalent with -230volt. 50 Hz, 10A Single Pole MCB Make: Havells Anchorequivalent - 01nos, - 10sq.mm metallic cable gland, Make: any standard: 02nos -MCB box mounting bracket: 01nos Qty. 23 no s	Agree Only

Lot No: 7 Price Parameters/ Formula

Variable Name	Name of Parameters	Sub Total (Example: a+b)	Type of Component	Places of decimal	Lumpsum
a	BASIC PRICE	-	Numeric Text Only	2	No
b	PACIKING AND FORWARDING CHARGES	-	Numeric Text Only	2	No
c	FREIGHT AND INSURANCE CHARGES	-	Numeric Text Only	2	No
d	GST AMOUNT ON TOTAL (acb)	-	Numeric Text Only	2	No

Price formula: a+b+c+d (Up to 2 Decimal Place)

Lot Details

Lot Name 8	Category	Lot Description	Quantity/UOM	Currency	Ceiling Price	Estimated Price
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SITC OF COMPLETE STREET LIGHTING SYSTEM	Electrical Works	Painting of all existing poles with silver color with red oxide base	23.0NO	INR	-	-
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Lot No: 8 Specific Terms

TECHNICALSPECIFICATION

Sl.No	Terms	Component
1	Painting of all existing poles with silver color with red oxide base. -The firm shall remove rust from all the existing poles and provide base coat of branded red oxide anti rust. Then firm shall color these poles with two coats of silver color of standard make .The scope of work also consist of supply of paint and required material for the said work. Qty 01AU 23 no s Painting of all existing poles with silver color with red oxide base. -The firm shall remove rust from all the existing poles and provide base coat of branded red oxide anti rust. Then firm shall color these poles with two coats of silver color of standard make .The scope of work also consist of supply of paint and required material for the said work. Qty 01AU 23 no s	Agree Only

Lot No: 8 Price Parameters/ Formula

Variable Name	Name of Parameters	Sub Total (Example: a+b)	Type of Component	Places of decimal	Lumpsum
a	BASIC PRICE	-	Numeric Text Only	2	No

b	PACIKING AND FORWARDING CHARGES	-	Numeric Text Only	2	No
c	FREIGHT AND INSURANCE CHARGES	-	Numeric Text Only	2	No
d	GST AMOUNT ON TOTAL (acb)	-	Numeric Text Only	2	No

Price formula: a+b+c+d (Up to 2 Decimal Place)

Lot Details

Lot Name 9	Category	Lot Description	Quantity/UOM	Currency	Ceiling Price	Estimated Price
SITC OF COMPLETE STREET LIGHTING SYSTEM	Electrical Works	Supply of 2.5 Sq.mm x 03 Core FR ,PVC insulated Copper Flexible Cable with multi strand conductor for connection of LED Fittings MCB Box for Pole	200.0MTR	INR	-	-

Lot No: 9 Specific Terms

TECHNICAL SPECIFICATION

Sl.No	Terms	Component
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1	Supply of 2.5 Sq.mm x 03 Core FR ,PVC insulated Copper Flexible Cable with multi strand conductor for connection of LED Fittings MCB Box for Pole. 2.5 Sq.mm x 03 Core FR, PVC insulated Copper Flexible Cable with multi strand conductor Voltage Grade: 1.1 KV, Size: 2.5 Sqmm, Core: 3 Confirming to Nominal System Voltage: 415440 V - 10 Nominal System Frequency: 50 Hz -3 Conductor type: Multi-strand Insulating Material: PVC As per applicable IS or IEC standards Make: POLYCAB LAPP CCI HAVELLS or Equivalent Qty 200 Mtrs	Agree Only
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Lot No: 9 Price Parameters/ Formula

Variable Name	Name of Parameters	Sub Total (Example: a+b)	Type of Component	Places of decimal	Lumpsum
a	BASIC PRICE	-	Numeric Text Only	2	No
b	PACIKING AND FORWARDING CHARGES	-	Numeric Text Only	2	No
c	FREIGHT AND INSURANCE CHARGES	-	Numeric Text Only	2	No
d	GST AMOUNT ON TOTAL (acb)	-	Numeric Text Only	2	No

Price formula: a+b+c+d (Up to 2 Decimal Place)

Lot Details

Lot Name 10	Category	Lot Description	Quantity/UOM	Currency	Ceiling Price	Estimated Price
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SITC OF COMPLETE STREET LIGHTING SYSTEM	Electrical Works	Supply of Maintenance Free Earthing System	4.0NO	INR	-	-
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Lot No: 10 Specific Terms

TECHNICAL SPECIFICATION

Sl.No	Terms	Component
1	<p>Supply of Maintenance Free Earthing System. Qty -04 no s Make Indelec Jef Techno System or equivalent. The details of the earthing System: A Provision of Maintenance free Low resistance High conductivity Type Earthing system With Back-fill compound. Earth Electrode :- High tensile low carbon steel rod of 2 Mtrs length 25 mm dia with 100 micron average molecularly bonded copper on the outer surface. Make Indelec Jef. Techno Qty: - 04 Nos. B Carbon Based Grounding Compound:- Back-fill compound strictly be an activated Carbon based conductive type. Shall not depend on the continuous presence of water moisture salt to maintain its conductivity. Back-fill compound should be electronically conductive Like in metals and should not depend on moisture for conduction. Compound required per earthing set 50Kg. Qty 8 Bags 25Kg Each C GI Earthing Strip for earthing system. Size 25mm x5mm X 05 Mtrs for each earthing. : 04 no s</p>	Agree Only

Lot No: 10 Price Parameters/ Formula

Variable Name	Name of Parameters	Sub Total (Example: a+b)	Type of Component	Places of decimal	Lumpsum
a	BASIC PRICE	-	Numeric Text Only	2	No
b	PACIKING AND FORWARDING CHARGES	-	Numeric Text Only	2	No
c	FREIGHT AND INSURANCE CHARGES	-	Numeric Text Only	2	No
d	GST AMOUNT ON TOTAL (acb)	-	Numeric Text Only	2	No

Price formula: a+b+c+d (Up to 2 Decimal Place)

Lot Details

Lot Name 11	Category	Lot Description	Quantity/UOM	Currency	Ceiling Price	Estimated Price
SITC OF COMPLETE STREET LIGHTING SYSTEM	Electrical Works	Installation, commissioning testing of Earthing System GI Strip	4.0NO	INR	-	-

Lot No: 11 Specific Terms

TECHNICAL SPECIFICATION

Sl.No	Terms	Component
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1	<p>Installation, commissioning testing of Earthing System GI Strip. 1. The firm shall conduct the soil resistivity test, prior to start of earthing job in the presence of CNP s Authority. 2. The firm shall carry out the digging work required for the earth pit of size 3 mtrs. depth 6 X 6 Length Width at specified location and it should be filled with carbon based earthing powder in proper proportion in mixture as per standard guidelines. 3. The firm shall connect the earthing electrode with suitable size of copper connector to the earthing strip. 4. The firm shall install the test link box at the earth pit chamber with all the required accessories to complete the earthing system. 5. After completion of the earthing system work, the firm shall carry out the earthing resistivity test and value of the resistance shall be maintained less than or equal to 02 ohms. 6. The firm shall supply necessary bricks, cement, sand etc. required for earth pit installation work. 7. The earth pit shall be properly covered with heavy duty PVCmetallic removable cover. 8 The firm shall measure the earth resistance in presence of CNP engineer and submit report. Earthing resistance should be below 2 ohm for each system. Qty: 01 Au. 04 no s</p>	Agree Only
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Lot No: 11 Price Parameters/ Formula					
Variable Name	Name of Parameters	Sub Total (Example: a+b)	Type of Component	Places of decimal	Lumpsum
a	BASIC PRICE	-	Numeric Text Only	2	No

b	PACIKING AND FORWARDING CHARGES	-	Numeric Text Only	2	No
c	FREIGHT AND INSURANCE CHARGES	-	Numeric Text Only	2	No
d	GST AMOUNT ON TOTAL (acb)	-	Numeric Text Only	2	No

Price formula: a+b+c+d (Up to 2 Decimal Place)

Lot Details

Lot Name 12	Category	Lot Description	Quantity/UOM	Currency	Ceiling Price	Estimated Price
SITC OF COMPLETE STREET LIGHTING SYSTEM	Electrical Works	Supply of Non-Motorized High Mast 120W LED Light system	2.0NO	INR	-	-

Lot No: 12 Specific Terms

TECHNICAL SPECIFICATION

Sl.No	Terms	Component
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1	<p>Supply of Non-Motorized High Mast 120W LED Light system. Comprising 04 LED flood light on each Hi mast pole of 12mtr height. Qty: 02nos Details of High mast: A LED Flood light: LED wattage -120W, Operating voltage range: 140 V -270 V, Average life :50000 hours , Operating temperature: -10° C to 45° C, Color white , No harmful UV IR radiation, Instant light with low running temperatures Housing: Epoxy powder coated die-cast aluminium housing ADC12 in grey &#64257;nish. Heat sink: heat sinks for ef&#64257;cient thermal management, sturdiness excellent corrosion resistant. Cable entry provision for looping- lookout. Light source: High ef&#64257;ciency long life LED module with SMD LED package mounted on MCPCB. Color white, Lumen ef&#64257;cacy of LED 120 lmW and viewing angle of 120° to ensure better uniformity. Lens Cover: PC Lens with Asymmetric symmetric light distribution and Toughened glass &#64257;xed to housing. Electronic Driver: independent Potted IP66IP67 protection electronic LED driver with APFC, lower THD, Open Circuit Protection, Over Voltage Protection, Surge Voltage Protection up to 4 kV With Built In Surge Protection Device . As per applicable IS or IEC standards. Make Havells, Crompton, Wipro or equivalent. Mounting: LED flood light shall be suitable to be mounted on Hi Mast pole. B High Mast pole: Hot dip Galvanised Hi mast shall be 12 m high clear height octagonal</p>	Agree Only
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polygonal pole with having bottom base of 350 mm AF, top 150 mm AF PCD 275 or better. With base plate 20mm thick or better based on proven design conforming to international standards, to give an assured performance. i Construction: For the environmental protection of the mast, the entire fabricated mast shall be hot dip galvanized, internally and externally, having a uniform thickness of 65 microns. ii Door Opening: An adequate door opening shall be provided at the base of the mast and the opening shall be such that it permits clear access to equipment like winches, cables, plug and socket, etc. and also facilitate easy removal of the winch. The door opening shall be complete with a close fitting, vandal resistant, weather proof door, provided with a heavy duty double internal lock with special paddle key. iii. Dynamic Loading: The mast structure shall be suitable to sustain an assumed maximum reaction arising from a wind speed as per the standards. The design life of the mast shall be a minimum of 35 years. iv Lantern Carriage: a. Fabrication: A fabricated Lantern Carriage shall be provided for fixing and holding the flood light fitting and control gear boxes. The Lantern Carriage shall be of special design and shall be of steel tube construction, the tubes acting as conduits for wires, with holes fully protected by grommets. The Lantern Carriage shall be so designed and fabricated to hold the required number of flood light fittings and the control gear boxes, and also to have a

perfect self-balance. The inner lining of the carriage shall be provided with protective PVC arrangement, so that no damage is caused to the surface of the mast during the raising and lowering operation of the carriage. v Junction Box: Weather proof junction box with IP55 enclosure, made of Cast Aluminium shall be provided on the Carriage Assembly as required, from which the inter- connections to the designed number of the flood light luminaries and associated control gear fixed on the carriage shall be made. vi Raising and Lowering Mechanism: For the installation and maintenance of the luminaries and lamps, it will be necessary to lower and raise the Lantern Carriage Assembly. To enable this, a suitable Winch Arrangement shall be provided, with winch fixed at the base of the mast and the specially designed head frame assembly the top. vii Winch: The winch shall be of completely self-sustaining type, without the need for brake shoe, springs or clutches. Each driving spindle of the winch shall be positively locked when not in use, gravity activated PAWLS. Individual drum also should be operated for fine adjustment of lantern carriage. The capacity, operating speed, safe working load of the recommended lubrication and serial number of the winch shall be clearly marked on each winch. The gear ratio may be according to manufacturer s standard. However, the minimum working load shall be not less than 400Kg. The Winch shall be self-lubricating type by means of an oil bath and the oil shall

be readily available grades of reputed producers. The winch drums shall be grooved to ensure perfect seat for stable and tidy rope lay, with no chances of rope slippage. The rope termination in the winch shall be such that distortion or twisting is eliminated and at least 5 to 6 runs of rope remains on the drum even when lantern carriage is fully lowered and rested on the rest pads. It should be possible to operate the winch manually by a suitable handle and or by an external power tool. It shall be possible to remove the double drum after dismantling, through the door opening provided at the base of mast. Also a winch gear box for simultaneous and reversible operation of the double drum winch shall be provided as part of the contract. viii Head Frame: The head frame which is to be designed as a capping unit of the mast shall be of welded steel construction galvanized both internally and externally after assembly. The top pulley shall be appropriate diameter, large enough to accommodate the stainless steel wire ropes and the multi-core electric cable. The pulley block shall be made of non-corrosive material, and shall be of die cast aluminium alloy LM-6. Pulley made of synthetic material such as plastic or PVC is not acceptable. Self-lubricating bearings and stainless steel shaft shall be provided to facilitate smooth and maintenance free operation for a long period. The pulley assembly shall be fully protected by a canopy galvanized externally and internally.

Close fittings guides and sleeves shall be provided to ensure that the ropes and cables do not dislodge from their respective positions in the grooves. The head frame shall be provided with guides and stops with PVC buffer for docking the lantern carriage.

ix Stainless Steel Wire Ropes: The suspension system shall be essentially be without intermediate joint and shall consist of any non-corrosive stainless steel. The stainless steel wire ropes shall be of 719 construction, the central core being of the same material. The overall diameter of the rope shall not be less than 6 mm. The breaking load of each rope shall not be less than 2350kg individually, giving factor of safety. The end construction of rope to winch drum shall be fitted with talurit. The thimbles shall be secured on ropes by compression splices. Two continuous lengths of stainless steel wire ropes shall be used in the system and no intermediate joints are acceptable in view of the required safety. No intermediate joints either bolted or else are provided on the wire ropes between winch and lantern carriage. A suitable terminal box shall be provided as part of the contract at the base compartment of the high mast for terminating the incoming cable. The electrical connections from the bottom to the top shall be made by 3 cores 2.5 sq.mm. Copper cable. At the top there shall be weather proof junction box to terminate the trailing cable. Connections from the top junction box to the individual luminaries shall be made by using 3 cores 1.5 sq.mm.

	Copper flexible PVC cables of reputed make. High Mast should be provided with Separate 63 Amp MCB at the bottom Junction box for Local control of High mast. The system shall have in-built facilities for testing the luminaries while in lowered position. The High mast system shall be provided G.I pipe earthing. Make Havells, Crompton, Wipro or equivalent. Qty: 02 Nos	
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Lot No: 12 Price Parameters/ Formula

Variable Name	Name of Parameters	Sub Total (Example: a+b)	Type of Component	Places of decimal	Lumpsum
a	BASIC PRICE	-	Numeric Text Only	2	No
b	PACIKING AND FORWARDING CHARGES	-	Numeric Text Only	2	No
c	FREIGHT AND INSURANCE CHARGES	-	Numeric Text Only	2	No
d	GST AMOUNT ON TOTAL (acb)	-	Numeric Text Only	2	No

Price formula: a+b+c+d (Up to 2 Decimal Place)

Lot Details

Lot Name 13	Category	Lot Description	Quantity/UOM	Currency	Ceiling Price	Estimated Price
SITC OF COMPLETE STREET LIGHTING SYSTEM	Electrical Works	Installation, commissioning testing of High Mast	2.0NO	INR	-	-

Lot No: 13 Specific Terms

TECHNICAL SPECIFICATION

Sl.No	Terms	Component
1	<p>Installation, commissioning testing of High Mast. The firm shall carry out the installation, commissioning of the Hi mast pole with necessary foundation as per design confirming to IS with minimum 06nos of Tor steel foundation bolt of not less than 25mm dia. Firm should carry out the installation, testing and commissioning of LED Hi mast flood light on lantern carriage of the Pole. All Job work shall be carried out on Turnkey basis i. e pole foundation, pole installation, fitting of high mast, MCB box entire wiring of high mast etc. Firm should supply any other material, accessories, hardware and electrical switchgears, if required for installation work of entire High mast system. The firm shall ensure that each pole is provided with proper GI pipe earthing. The firm should carry out required digging construction of Foundation as per the applicable standards. The firm should carry out Installation of High mast all the hardware required for the Installation Qty 01Au 02 no s</p>	Agree Only

Lot No: 13 Price Parameters/ Formula

Variable Name	Name of Parameters	Sub Total (Example: a+b)	Type of Component	Places of decimal	Lumpsum
a	BASIC PRICE	-	Numeric Text Only	2	No

b	PACIKING AND FORWARDING CHARGES	-	Numeric Text Only	2	No
c	FREIGHT AND INSURANCE CHARGES	-	Numeric Text Only	2	No
d	GST AMOUNT ON TOTAL (acb)	-	Numeric Text Only	2	No

Price formula: a+b+c+d (Up to 2 Decimal Place)

Lot Details

Lot Name 14	Category	Lot Description	Quantity/UOM	Currency	Ceiling Price	Estimated Price
SITC OF COMPLETE STREET LIGHTING SYSTEM	Electrical Works	Supply of Bricks for laying inside the cable Trench	8000.0NO	INR	-	-

Lot No: 14 Specific Terms

TECHNICAL SPECIFICATION

Sl.No	Terms	Component
1	Supply of Bricks for laying inside the cable Trench Standard modular common building bricks. Qty -8000Nos	Agree Only

Lot No: 14 Price Parameters/ Formula

Variable Name	Name of Parameters	Sub Total (Example: a+b)	Type of Component	Places of decimal	Lumpsum
a	BASIC PRICE	-	Numeric Text Only	2	No

b	PACIKING AND FORWARDING CHARGES	-	Numeric Text Only	2	No
c	FREIGHT AND INSURANCE CHARGES	-	Numeric Text Only	2	No
d	GST AMOUNT ON TOTAL (acb)	-	Numeric Text Only	2	No

Price formula: a+b+c+d (Up to 2 Decimal Place)

Lot Details

Lot Name 15	Category	Lot Description	Quantity/UOM	Currency	Ceiling Price	Estimated Price
SITC OF COMPLETE STREET LIGHTING SYSTEM	Electrical Works	Supply of 32 Amp Double Pole MCB for Street Lighting Control	7.0NO	INR	-	-

Lot No: 15 Specific Terms

TECHNICAL SPECIFICATION

Sl.No	Terms	Component
1	Supply of 32 Amp Double Pole MCB for Street Lighting Control Current Rating 32 amps, 2 Pole, Freq 50Hz, Type C Curve Make Havells, Crompton, Wipro or equivalent Qty -07 no s	Agree Only

Lot No: 15 Price Parameters/ Formula

Variable Name	Name of Parameters	Sub Total (Example: a+b)	Type of Component	Places of decimal	Lumpsum
a	BASIC PRICE	-	Numeric Text Only	2	No

b	PACIKING AND FORWARDING CHARGES	-	Numeric Text Only	2	No
c	FREIGHT AND INSURANCE CHARGES	-	Numeric Text Only	2	No
d	GST AMOUNT ON TOTAL (acb)	-	Numeric Text Only	2	No

Price formula: a+b+c+d (Up to 2 Decimal Place)

Lot Details

Lot Name 16	Category	Lot Description	Quantity/UOM	Currency	Ceiling Price	Estimated Price
SITC OF COMPLETE STREET LIGHTING SYSTEM	Electrical Works	Supply of 100amp MCCB molded case circuit breaker along with Auto manual controller for High Mast street light control	2.0NO	INR	-	-

Lot No: 16 Specific Terms

TECHNICAL SPECIFICATION

Sl.No	Terms	Component
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1	Supply of 100amp MCCB molded case circuit breaker along with Auto manual controller for High Mast street light control. Molded case circuit breaker Rating :of 100 Amp MCCB , Number of Pole : four pole, With Rotary Operating Handle Mechanism, Working voltage- 415440volts AC 5060 Hz Icu At 380-415V AC : 36 KA Standard: As per Latest IS or IEC Auto manual controller: The firm has to supply necessary hardware for automatic controlling system. The controller shall have real time clock with time setting facility for switching ONOff of the street lights and High mast. The automatic function shall facilitate the street light and high mast will start after sunset and stop after sunrise. Make Havells, Crompton, Wipro or equivalent Qty 02nos	Agree Only
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Lot No: 16 Price Parameters/ Formula

Variable Name	Name of Parameters	Sub Total (Example: a+b)	Type of Component	Places of decimal	Lumpsum
a	BASIC PRICE	-	Numeric Text Only	2	No
b	PACIKING AND FORWARDING CHARGES	-	Numeric Text Only	2	No
c	FREIGHT AND INSURANCE CHARGES	-	Numeric Text Only	2	No
d	GST AMOUNT ON TOTAL (acb)	-	Numeric Text Only	2	No

Price formula: a+b+c+d (Up to 2 Decimal Place)

Lot Details

Lot Name 17	Category	Lot Description	Quantity/UOM	Currency	Ceiling Price	Estimated Price
SITC OF COMPLETE STREET LIGHTING SYSTEM	Electrical Works	Installation, commissioning testing of 100 Amp Four Pole FP MCCB with Auto manual controller for High Mast Control street light control.	2.0NO	INR	-	-

Lot No: 17 Specific Terms

TECHNICAL SPECIFICATION

Sl.No	Terms	Component
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1	Installation, commissioning testing of 100 Amp Four Pole FP MCCB with Auto manual controller for High Mast Control street light control. The firm shall carry out Installation, commissioning testing of 100 Amp FP MCB with Auto manual controller for High Mast Control street light control at feeder pillar. Both circuit will be independent and will control High Mast street light in auto mode. The automatic controller shall be set such that the street light and high mast will start after sunset and stop after sunrise. Firm should supply any other material, accessories, hardware and electrical switchgears, if required for installation of 100 Amp Four Pole FP MCCB with Auto manual controller for High Mast Control street light control. Qty: 01AU 02Nos	Agree Only
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Lot No: 17 Price Parameters/ Formula

Variable Name	Name of Parameters	Sub Total (Example: a+b)	Type of Component	Places of decimal	Lumpsum
a	BASIC PRICE	-	Numeric Text Only	2	No
b	PACIKING AND FORWARDING CHARGES	-	Numeric Text Only	2	No
c	FREIGHT AND INSURANCE CHARGES	-	Numeric Text Only	2	No
d	GST AMOUNT ON TOTAL (acb)	-	Numeric Text Only	2	No

Price formula: a+b+c+d (Up to 2 Decimal Place)



CURRENCY NOTE PRESS

(A UNIT OF Security Printing and Minting Corporation of India Limited) Wholly owned by Government of India

Nashik Road # 422101 (Maharashtra)

(ISO : 9001 & ISO 14001 Certified Unit)

Tel. No 00- 91-253-2463730-39, 2461471

Fax No:00-91-2532464100 CIN: U22213DL2006GOI144763

Web: www.cnpnashik.spmcil.com E-mail: gmcnp@spmCIL.com

GSTIN : 27AAJCS6111J3Z6

PR Number	PR Date	Indenter	Department
12004579	23.11.2022	Rajesh U	W/S ELE

Not Transferable

Security Classification:

TENDER DOCUMENT FOR PURCHASE OF: JOB WORK OF SUPPLY, INSTALLATION, TESTING AND COMMISSIONING OF COMPLETE STREET LIGHTING SYSTEM AT CURRENCY HOUSE, NASHIK

Tender Number: 6000018002

This Tender Document Contains _____ Pages.

Details of Contact person in SPMCIL regarding this tender:

Name: V KIRAN KUMAR
Designation: Jt. General Manager (M)
Address: CNPN (Currency Note Press, Nashik)
India

Section1: Notice Inviting Tender (NIT)

6000018002 /

(SPMCIL's Tender SI No.)

(Date)

1. Sealed tenders are invited from eligible and qualified tenderers for supply of following goods & services:

Sch d. No.	Brief Description of Goods/services	Quantity (with unit)	Earnest Money (In Rupee)	Remarks
1	10 Sq.mm x 4 Core Aluminum Armored Cable	1650.000 M	33000.00 INR RUPPES THIRTY THREE THOUSAND ONLY	
2	Installation of 10 Sq.MM AI Cable	1.000 AU		
3	Cable Trench digging filling levelling w	1.000 AU		
4	60 W LED Street light fittings	46.000 EA		
5	Installation of 60 W LED fittings	1.000 AU		
6	two Way galvanized Bracket for street li	23.000 EA		
7	MCB box ISI mark IP 65 protection	23.000 EA		
8	Painting of existing pole silver ver pai	1.000 AU		
9	2.5 Sq.mm x 03 Core FR Copper cable	200.000 M		

Sch d. No.	Brief Description of Goods/services	Quantity (with unit)	Earnest Money (In Rupee)	Remarks
10	Maintenance free earthing system	4.000 EA		
11	Installation of earthin System	1.000 AU		
12	Non motorised High Mast 120W	2.000 EA		
13	Installation of High mast 120 W	1.000 AU		
14	Bricks for laying insuide trench	8000.000 EA		
15	32 A DP MCB for stret light	7.000 EA		
16	MCCB 100 Awith auto manual controllar	2.000 EA		
17	Installation of 100A MCCB with controlla	1.000 AU		
Type of Tender (Two Bid/ PQB/ EOI/ RC/ Development/ Indigenization/ Disposal of Scrap/ Security Item etc.)			TWO-BID (E-PROCUREMENTN PORTAL) National Competetive Bid	
Dates of sale of tender documents:			AS PER E-PROCUREMENT PORTAL	
Place of sale of tender documents			AS PER E-PROCUREMENT PORTAL	
Closing date and time for receipt of tenders			AS PER E-PROCUREMENT PORTAL	
Place of receipt of tenders			Bidder has to upload soft copy of all documents on MSTC Eprocurement Portal and Hard copy of all the documents to be submitted at purchase Department, CNP, Nashik Road	
Time and date of opening of tenders			AS PER E-PROCUREMENT PORTAL	
Place of opening of tenders			AS PER E-PROCUREMENT PORTAL	



Nominated Person/ Designation to Receive Bulky Tenders (Clause 21.21.1 of GIT)	V KIRAN KUMAR Jt. General Manager (M)
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2. Eligibility to participate as per Government of India's Public Procurement (Preference to Make in India) Order 2017 (as amended/ revised) and Ministry of Finance, Department of Expenditure, Public Procurement Division's Orders (Public Procurement 1, 2 and 3) F.No.6/18/2019-PPD dated 23rd/ 24th July 2020 (or any further amendments thereof) regarding eligibility of bidders from neighboring countries shall apply to this tender.
3. Please note that SPMCIL reserves its right to grant Purchase preferences in accordance with Government of India's Public Procurement (Preference to Make in India) Order 2017 (as amended/ revised) and Public Procurement Policy for Micro and Small Enterprises (MSEs) Amendment Order, 2018 (as amended/ revised).
4. In case NIT/ SIT provide for uploading of bids to nominated E-Procurement portal, bidders must upload their bids along with scanned copies as required enclosures (including proofs of cost of Tender Documents and EMD as applicable - unless an online payment gateway is provided in the instruction) as per instructions given in this regard. Original copies of such scanned uploaded required enclosures must reach in physical form within the date and place as provided in such instructions.
5. The tender documents are not transferable.
6. The bidder, their affiliates, or subsidiaries # including subcontractors or suppliers for any part of the contract # should not stand declared ineligible/ blacklisted/banned/ debarred by any Government Agency anywhere in the world, for participating in its tenders, under that country's laws or official regulations. A declaration to this effect shall be submitted by the bidder in the Tender Form (Section X).
7. SUBMISSION OF TENDER: As per E-Procurement Portal. Bidders must upload their bids along with scanned copies as required enclosures (including proofs of cost of Tender Documents and EMD as applicable - unless an online payment gateway is provided in the instruction) as per instructions given in this regard.
8. In case of order material in your favour for Rs. 2,50,000/- or above, the supplier shall furnish the performance security amount/ Security Deposit(S.D) (03% of the ordered value) after issue of Purchase order by CNP, Nashik Road in favour of SPMCIL, Unit CNP, payable at Nashik. The performance security will be return back without any interest to successful bidder after the completion of all contractual obligations.
9. The bidders participating with MSME registration certificate has to submit Bid Security Declaration as per Annexure-1. Non submission of same will be treated as non responsive.
10. EMD of a bidder will be forfeited, if the bidder withdraws or amends its tender or impairs or derogates from the tender in any respect with in the period of validity of its tender. Further, if the successful bidder fails to furnish the required performance security within the specified period, its EMD will be forfeited
11. No exemption will be given for deposition of performance guarantee to any DIC/SSI/MSE/NSIC registered firm.
12. Any dispute in the matter will be under Nashik (Maharashtra) Jurisdiction only.
13. Right of acceptance: - The Chief General Manager, Currency Note Press reserves the right to reject any or all tenders without assigning any reason thereof.
14. Clarification of Tender Documents: A Bidder requiring any clarification or elucidation on any issue of the tender documents may take up the same with SPMCIL in writing or by fax / e-mail/ telex not later than twenty one days (unless otherwise specified in the SIT) prior to the prescribed date of submission of tender.
15. Any queries regarding the tender you may please contact at 0253-2454493 or 2461318. E-mail-purchase.cnpnashik@spmCIL.com.

.....

.....
(Name Designation, Adress telephone number etc
of the officer signing the document)

For and on behalf of
.....



Tender Number:6000018002

Section II: General Instructions to Tenderers (GIT)

Part 1: General Instructions Applicable to all type of Tenderers

Please CLICK the link for further details
<https://spmCIL.com/uploaddocument/GIT/new.pdf>

Bidders are requested to download 61 pages by clicking the above given link and submit the same duly stamped and signed along with tender document. Unsigned/stamped printouts of these pages are not acceptable.

Section III: Specific Instructions to Tenderers (SIT)

The following Special Instructions to Tenderers will apply for this purchase. These special instructions will modify/ substitute/ supplement the corresponding General Instructions to Tenderers (GIT) incorporated in Section II. The corresponding GIT clause numbers have also been indicated in the text below:

In case of any conflict between the provision in the GIT and that in the SIT, the provision contained in the SIT shall prevail.

(Clauses of GIT listed below include a possibility for variation in their provisions through SIT. There could be other clauses in SIT as deemed fit.)

Sr No	GIT Clause No.	Topic	SIT Provision
01	3.	ELIGIBLE TENDERERS	Applicable
02	3.4	ELIGIBLE GOODS AND SERVICES (ORIGIN OF GOODS)	Not Applicable
03	6.1	THE TENDER DOCUMENTS INCLUDES:	Applicable
04	8	PREBID CONFERENCE	Applicable. The date and time of pre-bid conference is 10:30 am on 31/01/2023. The queries of the bidders should reach at least two days in advance.
05	9	TIME LIMIT FOR RECEIVING REQUEST FOR CLARIFICATION OF TENDER DOCUMENTS	No further queries are entertained after pre-bid meeting.
06	10.1	THE TECHNICAL BID TO BE SUBMITTED BY TENDERER SHALL CONTAIN THE FOLLOW	No Change
07	11.2	TENDER CURRENCY	Supplier is requested to quote price within 2 Decimal place.Quotation with price quote beyond 2 decimal place is ignored.
08	12.1	TENDER PRICES	Applicable
09	12.2, 33, 36.1	SCHEDULE WISE EVALUATION	Not Applicable
10	12.6	GST DETAILS	No Change
11	14	PVC CLAUSE & FORMULA	Not Applicable
12	14.4 TO 14.7	EXCHANGE RATE VARIATION (ERV)	Not Applicable
13	16.2 A) TO C)	DOCUMENTS ESTABLISHING TENDERER#S ELIGIBILITY AND QUALIFICATIONS	Applicable
14	18.4, 18.5	EARNEST MONEY DEPOSIT (EMD)	Applicable;(Bidder has to submit Bid Security Declaration, if MSME Firm has participated)
15	19	TENDER VALIDITY	120 Days from the date of opening of tender
16	20.4	NUMBER OF COPIES OF TENDERS TO BE SUBMITTED	Single Copy
17	20.8	TWO BID SYSTEM	Applicable
18	20.9	E-PROCUREMENT	Applicable. Submission of Documents as per NIT Clause No. 04
19	34. AND 35.1	COMPARISON ON CIF DESTINATION BASIS	Not Applicable

Sr No	GIT Clause No.	Topic	SIT Provision
20	35.2 TO 35.6	ADDITIONAL FACTORS FOR EVALUATION OF OFFERS AND PREFERENTIAL SCHEMES	FOR CNP Nashik Road Basis
21	43	PARALLEL CONTRACTS	Not Applicable
22	44.1	SERIOUS MISDEMEANOURS	No Change
23	44.3	INTEGRITY PACT	Not Applicable
24	45.1	NOTIFICATION OF AWARD	No Change
25	50.	APPLICABILITY OF ADDITIONAL GIT FOR RATE CONTRACTS	Not Applicable
26	51.	APPLICABILITY OF ADDITIONAL GIT FOR PQB TENDERS	Not Applicable
27	52.	APPLICABILITY OF ADDITIONAL GIT FOR TENDERS INVOLVING SAMPLES	Not Applicable
28	53.	APPLICABILITY OF ADDITIONAL GIT FOR EOI TENDERS	Not Applicable
29	54.	APPLICABILITY OF ADDITIONAL GIT FOR TENDERS FOR DISPOSAL OF SCRAP	Not Applicable
30	55.	APPLICABILITY OF ADDITIONAL GIT FOR DEVELOPMENT/ INDIGENIZATION TENDER	Not Applicable



Tender Number:6000018002

Section IV: General Conditions of Contract (GCC)

Please CLICK the link for further details
<https://spmciil.com/uploaddocument/GCC/new.pdf>

Bidders are requested to download 36 pages by clicking the above given link and submit the same duly stamped and signed along with tender document. Unsigned/stamped printouts of these pages are not acceptable.

Section V: Special Conditions of Contract (SCC)

The following Special Conditions of Contract (SCC) will apply for this purchase. The corresponding clauses of General Conditions of Contract (GCC) relating to the SCC stipulations have also been incorporated below. These Special Conditions will modify/ substitute/ supplement the corresponding (GCC) clauses.

Whenever there is any conflict between the provision in the GCC and that in the SCC, the provision contained in the SCC shall prevail.

(Clauses of GCC listed below include a possibility for variation in their provisions through SCC. There could be other clauses in SCC as deemed fit)

Sl.No	GCC Clause No.	Topic	SCC Provision
01	1.2	ABBREVIATIONS:	No Change
02	6.1, 6.3 & 6.5	PERFORMANCE BOND/ SECURITY	03 % of the total contract price valid for 60 days beyond completion of contractual obligations including warranty period: if any.
03	8.2	PACKING AND MARKING	Not Applicable
04	9	INSPECTION AND QUALITY CONTROL	Not Applicable
05	11.2	TRANSPORTATION OF DOMESTIC GOODS	No Change
06	12.	INSURANCE	No Change
07	14.1	INCIDENTAL SERVICES	Not Applicable
08	15	DISTRIBUTION OF DESPATCH DOCUMENTS FOR CLEARANCE/ RECEIPT OF GOODS	Not Applicable
09	16.2, 16.4	WARRANTEE CLAUSE	Applicable: 12 months from the date of acceptance and completion of work.
10	19.3	OPTION CLAUSE	The buyer reserves the right to increase/decrease the supply order quantity by 25% at the same terms and conditions during the Currency of the contract and supplier is bound to accept it.
11	20.1	PRICE ADJUSTMENT CLAUSE	Not Applicable
12	21.	TAXES AND DUTIES	1) If the tenderer fails to include taxes and duties in the tender, no claim thereof will be considered by purchaser afterwards. 2) TDS will be deducted as per prevailing rates.
13	22.	TERMS AND MODE OF PAYMENTS	100% Payment will be made within 30 days after receipt of suitability and completion of work. The payment will be made through NEFT/RTGS mode only
14	24.1	QUANTUM OF LD	Applicable (The Applicable GST if LD is levied will be collected from the firm's invoice).
15	25.1	BANK GUARANTEE AND INSURANCE FOR MATERIAL LOANED TO CONTRACTOR	Not Applicable
16	33.1	RESOLUTION OF DISPUTES	No Change
17	36.3.2,36.3.9	DISPOSAL/ SALE OF SCRAP BY TENDER	Not Applicable

Section VI: List of Requirements

Schedule No.	Breif Description of goods and services (Related Specifications etc. are in Section-VII)	Accounting Unit	Quantity	Amount of Earnest Money	Remark
1	10 Sq.mm x 4 Core Aluminum Armored Cable	M	1650.000	33000.00INR RUPPES THIRTY THREE THOUSAND ONLY	
2	Installation of 10 Sq.MM Aluminum Armored Cable	AU	1.000		
3	Cable Trench digging filling levelling w	AU	1.000		
4	60 W LED Street light fittings	EA	46.000		
5	Installation of 60 W LED fittings	AU	1.000		
6	two Way galvanized Bracket for street li	EA	23.000		
7	MCB box ISI mark IP 65 protection	EA	23.000		
8	Painting of existing pole silver ver pai	AU	1.000		
9	2.5 Sq.mm x 03 Core FR Copper cable	M	200.000		
10	Maintenance free earthing system	EA	4.000		
11	Installation of earthing System	AU	1.000		
12	Non motorised High Mast 120W	EA	2.000		
13	Installation of High mast 120 W	AU	1.000		
14	Bricks for laying inside trench	EA	8000.000		
15	32 A DP MCB for street light	EA	7.000		
16	MCCB 100 A with auto manual controllar	EA	2.000		
17	Installation of 100A MCCB with controlla	AU	1.000		

1. Required Delivery Schedule: The successful bidder has to work to be completed within 60 days from the date of issue of Purchase Order.

2. Required Terms of Delivery: - FOR Currency Note Press, Nashik Road including stacking and unloading properly at site by the firm as shown by our representative.

3. Destination: - CURRENCY NOTE PRESS, JAIL ROAD, NASHIK ROAD 422 101



Tender Number:6000018002

4. Preferred Mode of Transportation: - BY ROAD.
5. Bid Validity: 120 days from due date of tender.
6. Bidder have to open the link provided in Section II, IV & XII onwards and take print out of all the documents available and then sign and stamp each and every paper and submit along with the technical tender.
7. All the copies of tenders shall be complete in all respects with all their attachments/enclosures duly numbered.
8. RISK PURCHASE:
 - (a) If the supplier after submission of tender and due acceptance of the same, i.e. after placement of contract fails to abide by the terms & conditions of these tender documents, or fails to supply the deliverables as per delivery schedule given or at any time repudiates the contract, the purchaser shall have the right to Invoke the Security-cum-Performance Guarantee if deposited by the supplier and procure stores/take services from other agencies at the risk & consequence of the supplier. The cost difference between the alternative arrangement and supplier tendered value will be recovered from the supplier along with other incidental charges.
 - (b) In case of supply/job work through alternative sources at lower price, if any, then no benefit on this account will be passed on to the supplier.
 - (c) For all the purpose the award of contract will be considered acceptance of tender and formal contract pending signing of agreement. Supplier has to abide by all the terms and conditions of tender.
9. Warranty: The firm shall be one year Warranty entire SITC JOB WORK from acceptance and completion of all job work.
10. Bank Details: Copy of Cancelled Cheque or the Bank details on the letter head signed by Authorized signatory to be submitted.



SECURITY PRINTING AND MINTING
CORPORATION OF INDIA LIMITED

TENDER NO: 6000018002

SECTION VII: TECHNICAL SPECIFICATIONS

SCOPE OF WORK :

Job work of Supply, Installation, Testing and Commissioning of Complete Street Lighting System at Currency House, Nashik.

TECHNICAL SPECIFICATION :

ITEM NO.01

Supply of 10 Sq.mm x 4 Core Aluminum Armored Cable.

Technical Specifications: XLPE Insulated, inner sheathed, Armoured Power Cable,
Conductor: Aluminium multi-strand, Voltage Grade: 1.1 KV,
Size: 10 Sq.mm, Core: 4,
Nominal System Voltage: 440 V +/- 10%, Nominal System Frequency: 50 Hz +/-3%,
Conductor type: Stranded, Insulating Material: XLPE,
Core Identification Strips: Red, Yellow, Blue, Black or Green,
Cable shall be confirming to ISI /IEC standards as applicable
Make: Polycab / Finolex /Havells/ Anchor or Equivalent.
Qty -1650 mtrs.

ITEM NO.02

Laying, Installation, commissioning & testing of 10 Sq.mm x 4 Core Aluminium Armoured XLPE Cable through underground Trench.

- Firm should carry out the laying & installation work of above power cable from Feeder Pillar to Street Lights & High mast in Loops through underground Cable Trench.
- Each group of 4 or 5 street Lights Should be in one loop & their control should be with separate MCB at Feeder Pillar.
- Two Separate Cable loop should be used for Two High mast to be installed & Separate MCB should be provided for its control at feeder pillar.
- One separate cable should be laid from feeder pillar to water Pump with separate MCB control.
- Firm should supply all required Cable Gland, Lugs, and Clamp whichever is required for termination & installation work of the cable.
- Firm should provide the cable marker throughout the route of cable as required.
- The Aluminium lugs shall be used for connection to Aluminium bus-bar.
- The accessories like Lugs, cable glands etc. shall be of reputed make like Dowell's, Jain son, Etc.

Qty - 01AU (1650 Mtrs.)



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ITEM NO.03

Cable Trench Digging, filling & leveling Work

- Firm will carry out digging work of Cable Trench for the prescribed cable route
 - Cable trench (below ground) will be 0.6 Meter deep & 0.5 Meter wide.
 - Cable lying shall have base layer of sand – cable- sand then bricks inside the underground trench for supporting the cable.
 - Once cable is laid through the cable trench it will be leveled with soil & one layer of brick will be placed on the top of trench.
 - Cable shall be laid as per Indian standard applicable.
- Qty – 01AU (1200 mtrs)

ITEM NO.04

Supply of 60W LED Street Light Fittings 60 watt LED street light Luminaries:-

- Construction: - Pressure Die cast aluminum alloy housing, clear glass/ Polycarbonate UV stabilized clear transparent cover, heat resistant, toughened, Epoxy white / gray/black powder coated finish, Consist of CREE/OSRAM/Philips or equivalent make high power LEDs suitable inbuilt LED driver with adequate heat sink arrangement, complete prewired luminaries up to terminal box, Inbuilt adjustable clamp suitable for mounting on 40 mm to 50 mm dia pole.
 - Operating voltage = 140 to 270 Volts AC, 50 Hz, Input wattage: 60 watt
 - Lumen output: 6600 or better, Total Harmonic Distortion (THD) : < 10%.
 - LED modules: High efficiency long life LED modules with SMD LED package mounted on MCPCB. lumen efficiency of LED \geq 110 lm/watt or better with PC lens to ensure better uniformity of light distribution
 - Electronic driver :- Powered by built in electronic LED driver (SMPS based constant current supply) with lower THD, output open circuit protection, phase to phase protection, over voltage protection Surge protection as per applicable standards.
 - Operating temp range - -10 to + 50 Degree C C or better, Color temp = 5500K-6500K
 - Power factor - $>$ 0.95,
 - Protection class : IP66 ingress protection (with compliance certificate)
 - Standards: The luminaries shall comply with the safety standards & harmonics standard as applicable.
 - Average life span: 50000 burning hours or better.
 - Make: Havells/ Wipro/ Philips/Crompton or equivalent.
 - Replacement Guarantee for LED fittings - Two years from date of supply.
- Qty – 46 no's



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ITEM NO.05

Installation, commissioning & testing of LED Street Light :

- Firm should carry out the installation, testing and commissioning of supplied LED Street light fittings on existing Pole, if required shifting of pole shall be the scope of the firm.
 - Each LED Street light should be provided with branded protection circuit breaker along with enclosure.
 - All Job work will be carried out on Turnkey basis. I.e. entire wiring, connections, bracket installation, MCB box installation etc.
 - Firm should supply any other material, accessories, hardware and electrical switchgears, if required for installation work of LED Light.
 - Installation of ISI Marked IP 65 MCB Box for Each Pole complete with 10A SP MCB for each fitting & Cable Gland, Mounting Bracket etc.
 - Installation of 2.5 Sq.mm x 03 Core Copper Flexible Cable for connection of LED Fittings & MCB Box for Pole
 - The firm shall ensure that each pole is provided with proper GI earthing.
- Qty – 01AU (46 no's)

ITEM NO.06

Supply of two Way heavy duty hot dip galvanized Bracket for Street Light Pole.

- The two way bracket should be sturdy, suitable to existing street light pole with required 0-10 degree boom angle.
 - The length of the bracket should be sufficient long to illuminate the street area.
- Qty – 23 No's

ITEM NO.07

Supply of ISI Mark & IP 65 protection MCB Box.

ISI Mark & IP 65 protection MCB Box Make – Sintex or Equivalent with
-230volt. 50 Hz, 10A Single Pole MCB Make: Havells/ Anchor/equivalent - 01nos,
-10sq.mm metallic cable gland, Make: any standard: 02nos
-MCB box mounting bracket: 01nos
Qty. – 23 no's

ITEM NO.08

Painting of all existing poles with silver color with red oxide base.

-The firm shall remove rust from all the existing poles and provide base coat of branded red oxide (anti rust). Then firm shall color these poles with two coats of silver color of standard make .The scope of work also consist of supply of paint and required material for the said work.

Qty – 01AU (23 no's)



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ITEM NO.09

Supply of 2.5 Sq.mm x 03 Core FR ,PVC insulated Copper Flexible Cable with multi strand conductor for connection of LED Fittings & MCB Box for Pole.

2.5 Sq.mm x 03 Core FR, PVC insulated Copper Flexible Cable with multi strand conductor Voltage Grade: 1.1 KV,

Size: 2.5 Sqmm, Core: 3

Confirming to Nominal System Voltage: 415/440 V +/- 10%

Nominal System Frequency: 50 Hz +/-3%

Conductor type: Multi-strand Insulating

Material: PVC

As per applicable IS or IEC standards

Make: POLYCAB / LAPP /CCI /HAVELLS or Equivalent

Qty – 200 Mtrs

ITEM NO.10

Supply of Maintenance Free Earthing System.

Qty -04 no's

Make – Indelec / Jef Techno System or equivalent.

The details of the earthing System:

A) Provision of Maintenance free Low resistance High conductivity Type Earthing system With Back-fill compound.

Earth Electrode :- • High tensile low carbon steel rod of 2 Mtrs length & 25 mm dia with 100 micron (average) molecularly bonded copper on the outer surface.

Make – Indelec / Jef. Techno

Qty: - 04 Nos.

B) Carbon Based Grounding Compound:-

• Back-fill compound strictly be an activated Carbon based conductive type.

• Shall not depend on the continuous presence of water / moisture / salt to maintain its conductivity.

• Back-fill compound should be electronically conductive (Like in metals) and should not depend on moisture for conduction. Compound required per earthing set 50Kg).

Qty – 8 Bags (25Kg Each)

C) GI Earthing Strip for earthing system.

Size – 25mm x5mm X 05 Mtrs for each earthing. : 04 no's



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ITEM NO.11

Installation, commissioning & testing of Earthing System & GI Strip.

1. The firm shall conduct the soil resistivity test, prior to start of earthing job in the presence of CNP's Authority.
 2. The firm shall carry out the digging work required for the earth pit of size 3 mtrs. depth 6" X 6" Length & Width at specified location and it should be filled with carbon based earthing powder in proper proportion in mixture as per standard guidelines.
 3. The firm shall connect the earthing electrode with suitable size of copper connector to the earthing strip.
 4. The firm shall install the test link box at the earth pit chamber with all the required accessories to complete the earthing system.
 5. After completion of the earthing system work, the firm shall carry out the earthing resistivity test and value of the resistance shall be maintained less than or equal to 02 ohms.
 6. The firm shall supply necessary bricks, cement, sand etc. required for earth pit installation work.
 7. The earth pit shall be properly covered with heavy duty PVC/metallic removable cover.
 - 8 The firm shall measure the earth resistance in presence of CNP engineer and submit report. Earthing resistance should be below 2 ohm for each system.
- Qty: 01 Au. (04 no's)

ITEM NO.12

Supply of Non-Motorized High Mast 120W LED Light system.

Comprising 04 LED flood light on each Hi mast pole of 12mtr height.

Qty: 02nos

Details of High mast:

A) LED Flood light:

- LED wattage -120W, Operating voltage range: 140 V -270 V, Average life :50000 hours , Operating temperature: -10° C to +45° C, Color white , No harmful UV & IR radiation, Instant light with low running temperatures
- Housing: Epoxy powder coated die-cast aluminium housing (ADC12) in grey finish.
- Heat sink: heat sinks for efficient thermal management, sturdiness & excellent corrosion resistant. Cable entry provision for looping- lookout.
- Light source: High efficiency long life LED module with SMD LED package mounted on MCPCB. Color white, Lumen efficacy of LED >120 lm/W and viewing angle of 120° to ensure better uniformity.



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- Lens & Cover: PC Lens with Asymmetric/symmetric light distribution and Toughened glass fixed to housing.
 - Electronic Driver: independent Potted IP66/IP67 protection electronic LED driver with APFC, lower THD, Open Circuit Protection, Over Voltage Protection, Surge Voltage Protection up to >4 kV With Built In Surge Protection Device .
 - As per applicable IS or IEC standards.
 - Make – Havells, Crompton, Wipro or equivalent.
- Mounting: LED flood light shall be suitable to be mounted on Hi Mast pole.

B) High Mast pole: Hot dip Galvanised Hi mast shall be 12 m high (clear height) octagonal /polygonal pole with having bottom (base) of 350 mm A/F, top 150 mm A/F PCD 275 or better. With base plate 20mm thick or better based on proven design conforming to international standards, to give an assured performance.

i) Construction: For the environmental protection of the mast, the entire fabricated mast shall be hot dip galvanized, internally and externally, having a uniform thickness of 65 microns.

ii) Door Opening: An adequate door opening shall be provided at the base of the mast and the opening shall be such that it permits clear access to equipment like winches, cables, plug and socket, etc. and also facilitate easy removal of the winch. The door opening shall be complete with a close fitting, vandal resistant, weather proof door, provided with a heavy duty double internal lock with special paddle key.

iii). Dynamic Loading: The mast structure shall be suitable to sustain an assumed maximum reaction arising from a wind speed as per the standards. The design life of the mast shall be a minimum of 35 years.

iv) Lantern Carriage:

a. Fabrication: A fabricated Lantern Carriage shall be provided for fixing and holding the flood light fitting and control gear boxes. The Lantern Carriage shall be of special design and shall be of steel tube construction, the tubes acting as conduits for wires, with holes fully protected by grommets. The Lantern Carriage shall be so designed and fabricated to hold the required number of flood light fittings and the control gear boxes, and also to have a perfect self-balance. The inner lining of the carriage shall be provided with protective PVC arrangement, so that no damage is caused to the surface of the mast during the raising and lowering operation of the carriage.

v) Junction Box: Weather proof junction box with IP55 enclosure, made of Cast Aluminium shall be provided on the Carriage Assembly as required, from which the inter- connections to the designed number of the flood light luminaries and associated control gear fixed on the carriage shall be made.

vi) Raising and Lowering Mechanism: For the installation and maintenance of the luminaries and lamps, it will be necessary to lower and raise the Lantern Carriage Assembly. To enable this, a suitable Winch Arrangement shall be provided, with winch fixed at the base of the mast and the specially designed head frame assembly the top.



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vii) Winch: The winch shall be of completely self-sustaining type, without the need for brake shoe, springs or clutches. Each driving spindle of the winch shall be positively locked when not in use, gravity activated PAWLS. Individual drum also should be operated for fine adjustment of lantern carriage. The capacity, operating speed, safe working load of the recommended lubrication and serial number of the winch shall be clearly marked on each winch. The gear ratio may be according to manufacturer's standard. However, the minimum working load shall be not less than 400Kg. The Winch shall be self-lubricating type by means of an oil bath and the oil shall be readily available grades of reputed producers. The winch drums shall be grooved to ensure perfect seat for stable and tidy rope lay, with no chances of rope slippage. The rope termination in the winch shall be such that distortion or twisting is eliminated and at least 5 to 6 runs of rope remains on the drum even when lantern carriage is fully lowered and rested on the rest pads. It should be possible to operate the winch manually by a suitable handle and / or by an external power tool. It shall be possible to remove the double drum after dismantling, through the door opening provided at the base of mast. Also a winch gear box for simultaneous and reversible operation of the double drum winch shall be provided as part of the contract.

viii) Head Frame: The head frame which is to be designed as a capping unit of the mast shall be of welded steel construction galvanized both internally and externally after assembly. The top pulley shall be appropriate diameter, large enough to accommodate the stainless steel wire ropes and the multi-core electric cable. The pulley block shall be made of non-corrosive material, and shall be of die cast aluminium alloy (LM-6). Pulley made of synthetic material such as plastic or PVC is not acceptable. Self-lubricating bearings and stainless steel shaft shall be provided to facilitate smooth and maintenance free operation for a long period. The pulley assembly shall be fully protected by a canopy galvanized externally and internally. Close fittings guides and sleeves shall be provided to ensure that the ropes and cables do not dislodge from their respective positions in the grooves. The head frame shall be provided with guides and stops with PVC buffer for docking the lantern carriage.

ix) Stainless Steel Wire Ropes: The suspension system shall be essentially be without intermediate joint and shall consist of any non-corrosive stainless steel. The stainless steel wire ropes shall be of 7/19 construction, the central core being of the same material. The overall diameter of the rope shall not be less than 6 mm. The breaking load of each rope shall not be less than 2350kg individually, giving factor of safety. The end construction of rope to winch drum shall be fitted with talurit. The thimbles shall be secured on ropes by compression splices. Two continuous lengths of stainless steel wire ropes shall be used in the system and no intermediate joints are acceptable in view of the required safety. No intermediate joints either bolted or else are provided on the wire ropes between winch and lantern carriage.



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- A suitable terminal box shall be provided as part of the contract at the base compartment of the high mast for terminating the incoming cable. The electrical connections from the bottom to the top shall be made by 3 cores 2.5 sq.mm. Copper cable.
- At the top there shall be weather proof junction box to terminate the trailing cable. Connections from the top junction box to the individual luminaries shall be made by using 3 cores 1.5 sq.mm. Copper flexible PVC cables of reputed make.
- High Mast should be provided with Separate 63 Amp MCB at the bottom Junction box for Local control of High mast.
- The system shall have in-built facilities for testing the luminaries while in lowered position.
- The High mast system shall be provided G.I pipe earthing.

Make – Havells, Crompton, Wipro or equivalent.

Qty: 02 No's

ITEM NO.13

Installation, commissioning & testing of High Mast.

The firm shall carry out the installation, commissioning of the Hi mast pole with necessary foundation as per design confirming to IS with minimum 06nos of Tor steel foundation bolt of not less than 25mm dia.

- Firm should carry out the installation, testing and commissioning of LED Hi mast flood light on lantern carriage of the Pole.
- All Job work shall be carried out on Turnkey basis i. e pole foundation, pole installation, fitting of high mast, MCB box & entire wiring of high mast etc.
- Firm should supply any other material, accessories, hardware and electrical switchgears, if required for installation work of entire High mast system.
- The firm shall ensure that each pole is provided with proper GI pipe earthing.
- The firm should carry out required digging & construction of Foundation as per the applicable standards.
- The firm should carry out Installation of High mast & all the hardware required for the Installation

Qty – 01Au (02 no's)

ITEM NO.14

Supply of Bricks for laying inside the cable Trench

Standard modular common building bricks.

Qty -8000Nos



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ITEM NO.15

Supply of 32 Amp Double Pole MCB for Street Lighting Control

Current Rating – 32 amps, 2 Pole, Freq – 50Hz, Type – C Curve
Make – Havells, Crompton, Wipro or equivalent
Qty -07 no's

ITEM NO.16

Supply of 100amp MCCB (molded case circuit breaker) along with Auto / manual controller for High Mast & street light control.

Molded case circuit breaker Rating :of 100 Amp MCCB , Number of Pole : four pole, With Rotary Operating Handle Mechanism, Working voltage- 415/440volts AC 50/60 Hz Icu At 380-415V AC : 36 KA Standard: As per Latest IS or IEC

Auto manual controller: The firm has to supply necessary hardware for automatic controlling system. The controller shall have real time clock with time setting facility for switching ON/Off of the street lights and High mast. The automatic function shall facilitate the street light and high mast will start after sunset and stop after sunrise.

Make – Havells, Crompton, Wipro or equivalent

Qty – 02nos

ITEM NO.17

Installation, commissioning & testing of 100 Amp Four Pole (FP) MCCB with Auto / manual controller for High Mast Control / street light control.

- The firm shall carry out Installation, commissioning & testing of 100 Amp FP MCB with Auto / manual controller for High Mast Control / street light control at feeder pillar.
- Both circuit will be independent and will control High Mast / street light in auto mode.
- The automatic controller shall be set such that the street light and high mast will start after sunset and stop after sunrise.
- Firm should supply any other material, accessories, hardware and electrical switchgears, if required for installation of 100 Amp Four Pole (FP) MCCB with Auto / manual controller for High Mast Control / street light control.

Qty: 01AU (02Nos)



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Terms & Conditions :

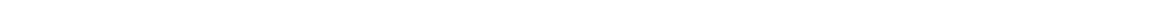
1. The interested bidders must visit CNP site prior to submitting the quote and satisfy themselves as regards to the total scope of work and give in writing along with the bid that they have fully understood the complete scope of work and have no queries in this regard. The successful bidder will have to complete the entire work to the satisfaction of CNP as per the given scope and quoted rates without any additional cost to CNP.
2. The site can be inspected on any working day excluding Sundays and holidays with prior intimation before Pre bid meeting. No site visit or queries are accepted regarding tender after pre bid meeting.
3. Since the entire work is to be completed on turnkey basis, all civil, electrical, masonry and welding material specific for this work including that of lifting and shifting devices, tools and tackles etc. for completion of this work in all respects are to be brought and arranged by the firm.
4. CNP will provide only free water and electricity for the job work.
5. The supply of material and the entire job work shall be guaranteed for minimum one year from the date of acceptance.
6. The firm shall attach the detailed product catalogue, certificates for cables, switchgear and earthing along with the quotation.
7. The firm on which the contract is awarded will be completely liable for the safety and security of the persons working in the premises of Currency Note Press.
8. All material and equipment supplied under this specification shall be new and unused.
9. All the waste created during the work such as wires, cables, metal pieces, used glands, lugs, clamps and old used material replaced or removed during work should be shifted by the firm to the location decided by CNP official.
10. Material supply and installation work on turnkey basis are related to each other. Hence Supply of materials and their installation work shall be awarded to single firm as these are complementary in nature.
11. The material will be accepted on seller's guarantee certificate to be sent to the purchaser.



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12. The firm shall carry out the megger test for whole installation before charging and submit the report.

13. The firm shall charge the cable after permission of CNP's authority in the presence of CNP's engineer.





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SECTION VIII : QUALITY CONTROL REQUIREMENTS

SAFETY CODES TO BE FOLLOWED BY THE CONTACTORS/THEIR EMPLOYEES.

1. The principle firm to whom the job work has been assigned will be primarily responsible to ensure the safety of all their employees working under them while they work inside factory premises.

2. The principle firm to whom the job work has been assigned will be responsible for any act of the contractors, which amounts to contravention of any provision of the Factory Act 1948 and the Maharashtra factory rules 1963.

3. The principle firm to whom the job work has been assigned will ensure and monitor the following:-

3.1 The firm has to nominate one of the competent supervisors, who in addition to his duty will also be responsible to look after the safety of employees working under them and safety of nearby other plant equipment.

3.2 The firm will provide personal protective equipment to his employees to ensure their safety.

3.3 Electrical connection will be taken only with the written permission from the electrical department CNP.

3.4 The firm will ensure that their employees do not smoke inside the factory premises.

3.5 The firm will ensure that the hand tools, power tools, forklifts, Hydra, ladders, slings and equipment etc. are maintained in good working condition and will also ensure that they are safe and free from risk to employees.



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3.6 All the machines brought by contractor for their job work should be properly guarded/ maintained in proper condition for their safe working.

3.7 All the lifting machines, lifting tackles, chain ropes, pulleys etc. will not be allowed in factory premises unless they are thoroughly and certified by the competent person(as per Factory act 1948) once in every Six month.

3.8 In Case of any accident, the firm representative will arrange to inform it to the safety dept. CNP immediately. The agency will also arrange to inform the inspector of Factories Nashik. The agency will provide proper information to the inspector of factories and safety officer during their inspection.

3.9 Considering COVID-19 pandemic contractor will ensure that their employees should wear masks at all time when working in CNP premises.

3.10 Selected contractor needs to provide PVR of Supervisor/ labour's/person's entering in press premises.

3.11 Contractor should provide masks, handgloves etc. to prevent COVID infection. He should follow all COVID protocols when working in CNP.

3.12 The firm shall carry out megger test for whole installation before charging and submit the report.

3.13 The firm shall charge the cable after permission of CNP's authority in the presence of CNP's engineer.



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Section IX: Qualification / Eligibility Criteria

MINIMUM ELIGIBILITY CRITERIA

The following shall be the minimum eligibility criteria for selection of bidders:

1. Experience and past performance:

The bidder should have experience of having successfully completed similar electrical works during last 7 years ending March -2022.

- a) Three similar completed works each costing not less than the amount equal to Rs.6,55,850/- or
- b) Two similar completed works each costing not less than the amount equal to Rs.8,19,800/-or
- c) One similar completed work costing not less than the amount equal to Rs.13,11,650/-.

2. Capacity and Capability:

The bidder should be enlisted in either Central Public Works Department (CPWD) or Military Engineering Services (MES) or any other Government/PSU/Autonomous bodies.

Note: All experience, past performance and capacity/ capability related data should be certified by the authorized signatory of the bidder firm.

3. Financial Standing:

(a) Average Annual turnover of the bidder firm should be more than Rs. 6,55,850/- during last three years i.e. 2019-2020, 2020-2021 and 2021-2022.

(b) Bidder firm should not have suffered any financial loss for more than one year during the last three financial years i.e. 2019-2020, 2020-2021 and 2021-2022.

(c) The net worth of the firm should not be negative and should not have eroded by more than 30% in the last three financial years i.e. 2019-2020, 2020-2021 and 2021-2022.

3. The bidder should submit Power of Attorney of the Authorized Signatory for signing the bid, entering in to contract, if awarded and for any other correspondences.

4. The bidders shall enclose attested copy of GST Registration (in REG 06) & attested copy of PAN.



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5. The bidder should give undertaking/declaration that they have read and understood all the terms & conditions of tender documents and submitting unconditional acceptance to all terms & conditions.
6. The bidder should give a declaration that they have not been black-listed/debarred for dealing by Government of India in the past.
7. The firm shall submit valid authorization certificate for the offered product, i.e., Power Cable, LED Lights and earthing system.
8. The interested bidder must be holding valid electrical contractor's licence/electrical supervisor licence issued by the competent authorities (State/Central) and copy of the same shall be enclosed along with the bid.
9. Note:-
 - (i) In support of experience & capability criteria, the bidder has to submit attested copies of P.O's, Experience certificates issue by customers.
 - (ii) All experience, past performance & capacity/ capability related/data should be certified by the authorized signatory of the bidder firm.
 - (iii) All financial standing data such as Balance Sheet, Profit & Loss account statement etc. should be certified by certified accountants e.g. Chartered Accounts or Cost Accountant. Financial statement duly certified by CA for year 2019-2020, 2020-2021 and 2021-2022 to be submitted.

Bidder to furnish stipulated documents support of fulfillment of qualifying criteria. Non submission or incomplete submission of documents may lead to rejection of offer.



SECURITY PRINTING AND MINTING
CORPORATION OF INDIA LIMITED

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Section X: Tender Form

To,
Currency Note Press, Nashik
A Unit of Security Printing & Minting
Corporation of India Limited
Wholly Owned by Govt. of India
Nashik

Ref: Your Tender document No. 6000018002 dated:

We, the undersigned have examined the above-mentioned tender enquiry document, including amendment No. -----, dated ----- (if any), the receipt of which is hereby confirmed. We now offer to supply and deliver..... (description of goods and services) in conformity with your above referred document for the sum shown in the price schedule(s), attached herewith and made part of this tender.

If our tender is accepted, we undertake to supply the goods and perform the services as mentioned above, in accordance with the delivery schedule specified in the List of Requirements.

We further confirm that, if our tender is accepted, we shall provide you with a performance security of required amount in an acceptable form in terms of GCC clause 6, read with modification, if any, in Section V –“Special Conditions of Contract”, for due performance of the contract.

We agree to keep our tender valid for acceptance for a period upto -----, as required in the GIT clause 19, read with modification, if any in Section-III –“Special Instructions to Tenderers” or for subsequently extended period, if any, agreed to by us. We also accordingly confirm to abide by this tender upto the aforesaid period and this tender may be accepted any time before the expiry of the aforesaid period. We further confirm that, until a formal contract is executed, this tender read with your written acceptance thereof within the aforesaid period shall constitute a binding contract between us.

We confirm that in case of downloaded Tender Document, we have not changed/edited its contents. We realise that in case any such change is noticed at any stage including after the award of contract, we would be liable to action under clause 44 of the GIT.

We further understand that you are not bound to accept the lowest or any tender you may receive against your above-referred tender enquiry.
We also solemnly declare as under:



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1. MSMEs Status:

Having read and understood the Public Procurement Policy for Micro and Small Enterprises (MSEs) Order, 2012 (as amended and revised till date), and solemnly declare the following:

- (a) Company /Partnership Firm /Proprietary Concern / Society/Trust / NGO/Others (Please Specify):
- (b) Micro/ Small / Medium Enterprise/ SSI/ Govt. Deptt. / PSU/ Others:
- (c) Name of MSME Registering Body (NSIC/ DIC/ KVIC/KVIB etc.):
- (d) MSME Registration no. (with copy of registration):.....
- (e) Udyog Aadhaar Memorandum no.....
- (f) Whether Proprietor/ Partner belongs to SC/ ST or Women category.
(Please specify names and percentage of shares held by SC/ST Partners) :
.....

2. Make in India Status:

Having read and understood the Public Procurement (Preference to Make in India PPP_MII) Order, 2017 (as amended and revised till date) and related notifications from the relevant Nodal Ministry/ Department, and solemnly declare the following:

- (a) Self-Certification for category of supplier:
 - Class-I Local Supplier/
 - Class-II Local Supplier/
 - Non-Local Supplier.
- (b) We also declare that
 - There is no country whose bidders have been notified as ineligible on reciprocal basis under this order for offered product, or Tender Form

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- We do not belong to any Country whose bidders are notified as ineligible on reciprocal basis under this order.

3. Restrictions on procurement from bidders from a country or countries, or a class of countries under Rule 144 (xi) of the General Financial Rules 2017 having read and understood the Order (Public Procurement No. 1) issued vide F.No.6/18/2019-PPD dated 23rd July 2020 (and its amendments if any) by Department of Expenditure, Ministry of Finance under the above provision and solemnly declare the following:

- We do not belong to any Country whose bidders are notified as ineligible under this order

4. Debarment Status: Please state whether business dealings with you currently stand suspended/ banned by any Ministry/ Deptts. of Government of India or by any State Govt:



TENDER NO: 6000018002

- Yes (with period of Ban)
- No, We, solemnly declare that neither we nor any of our affiliates or subsidiaries– including subcontractors or suppliers for any part of the contract– do not stand declared ineligible/ blacklisted/ banned/ debarred by any Government Agency anywhere in the world, for participating in its tenders, under that country’s laws or official regulations.

5. Penalties for false or misleading declarations: I/we hereby confirm that the particulars given above are correct and complete and also undertake to advise any future changes to the above details. We understood that any wrong or misleading self-declaration by us would be violation of code of Ethics and would attract penalties as mentioned in this tender document, including debarment.

.....
(Signature with date)

.....
(Name and designation)

Duly authorized to sign tender for and on behalf of

.....
.....



TENDER NO: 6000018002

SECTION XI: Price Schedule

SUMMARY OF PRICE SCHEDULE (FOR INDIAN BIDDERS): PRICES SHOULD BE ON FOR, CNP, NASHIK ROAD BASIS.

TENDER NO.6000018002
(Indigenous Offers)

(AS PER MSTC E-PROCUREMENT PORTAL)

To,
Currency Note Press, Nashik
A Unit of Security Printing & Minting
Corporation of India Limited
Wholly Owned by Govt. of India, Nashik

OFFER FORM for Tender No. 6000018002 Date of openingTime.....Hours.....

We hereby certify that we are established firm of manufacturers / authorized agents of M/s..... with factories at which are fitted with modern equipment and where the Production methods, quality control and testing of all materials and parts manufactured or used by us are open to inspection by the representative of ...(Name of Purchaser). We hereby offer to supply the following items at the prices indicated below:

Sr. No.	Item description	UOM (Unit of measurement)	HSN/S AC CODE	Unit (Rs.)	Rate	Packin g & Forwar ding Charge s (If Any) (Rs)	Freight & Insuran ce Charge s (If Any) (Rs)	IGST @....%	CGST @.....%	SCGT @..... %	Total rate per unit (Rs) (FOR CNP, Nashik) inclusive of GST, and other charges(Rs .)	Qty.	Total Amount (Rs.)
1	2	3	4	5	6	7	8	9	10	11=	12	13=(11*12)	
1	Supply of 10 Sq.mm x 4 Core Aluminum Armored Cable.	MTR									(5+6+7+8 +9+10)	1650	



TENDER NO: 6000018002

	controller for High Mast & street light control											
17	Installation, commissioning & testing of 100 Amp Four Pole (FP) MCCB with Auto / manual controller for High Mast Control / street light control.	Nos									2	
											Grand Total (Rs.)	

1. Scope of Supply: (Cost break-up of the quoted cost, showing inter-alia costs of all the concomitant Installation/ Commissioning/ Training/ Technical Support/ incidental services/ software/ accessories, considered necessary to make the proposal self-contained and complete must be indicated here.)

2. Taxation Details:

- a) PAN number
- b) Type of GST Registration (Registered, Unregistered, Composition, SEZ, RCM etc.)
- c) GSTIN number
- d) Registered Address as per GST registration and Place of Delivery for GST Purpose
- e) Contact Names, Nos. & email IDs for GST matters (Please mention primary and secondary contacts)

3. It is hereby certified that we have understood the General and Special Instructions to Tenderer's (GIT and SIT), and also the General and Special Conditions of Contract (GCC and SCC) attached to the tender and have thoroughly examined specifications/ Quality Control Requirements and other stipulations in Section VII & VIII – Technical Specifications and Quality Control Requirements; and are thoroughly aware of the nature of stores required and our offer is to supply stores strictly in accordance with the requirements and according to the terms of the tender. We agree to abide solely by the General and Special Conditions of Contract and other conditions of the tender in accordance with the tender documents if the contract is awarded to us.

4. We hereby offer to supply the stores detailed above or such portion thereof, as you may specify in the acceptance of tender at the price quoted and agree to hold this offer open for acceptance for a period of ---- days from the date of opening of tender (i.e., up to ---), We shall be bound by the communication of acceptance dispatched within the prescribe time.



TENDER NO: 6000018002

Dated.....

Signature and seal of Manufacturer/Bidder

Note:

- (i) The Bidder may prepare their own offer forms as per this proforma.
- (ii) No change in the proforma is permissible.
- (iii) No erasures or alternations in the text of the offer are permitted. Any correction made in the offer shall be initialed by the bidder.
- (iv) This Section should not bring in any new Technical Parameter that has not been mentioned in the Technical Bid.

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TENDER NO : 6000018002

- SECTION XII: QUESTIONNAIRE
 SECTION XIII: BANK GUARANTEE FORM OF EMD
 SECTION XIV: MANUFACTURER'S AUTHORIZATION FORM
 SECTION XV: BANK GUARANTEE FORM FOR PERFORMANCE SECURITY
 SECTION XVI: CONTRACT FORM
 SECTION XVII: LETTER OF AUTHORITY FOR ATTENDING A BID OPENING
 SECTION XVIII: SHIPPING ARRANGEMENT FOR LINER CARGOES
 SECTION XIX: PROFORMA OF BILLS FOR PAYMENTS

Please [CLICK](#) the link for further details

<http://cnpnashik.spmcil.com/SPMCIL/UploadDocument/SBDTEMP LATE1.pdf>

**TWO BID, SINGLE STAGE (TWO PACKETS) TENDER BIDDER'S CHECK LIST
 BEFORE TENDER SUBMISSION**

Part I: - TECHNO-COMMERCIAL BID

Sr. No.	Tender Submission Check Points	Check before submission Tick (✓)
1	EMD FEE /Bid Security Declaration	
2	Tender Document duly Seal & Signed	
3	Term of Delivery :- FOR, CNP Nashik road, duly unloaded	
4	Tender Validity 120 days as per the tender	
5	Technical Specification –Section VII as per tender	
6	Submit Manufacturer's Authorization form (As Applicable)	
7	Accept the Warranty clause as per tender (As Applicable)	
8	Submit the documents as per Qualification / Eligibility criteria – Section IX (As Applicable)	
9	Fill Tender Form – Section X duly seal & sign (Without mentioning price)	
10	Delivery Period: Acceptance of delivery period as per Section VI of tender Document.	
11	Blank price schedule format as per Section XI indicating 'XXXX'	
12	Power of Attorney for signing the bid document and contract, if awarded.	
13	Section II - General Instructions to Tenderer's (GIT)	
14	Section IV - General Conditions of Contract (GCC)	
15	Section XII to XIX of Tender Documents	

Part II: - PRICE BID

Sr. No.	Tender Submission Check Points	Check before submission Tick (✓)
1	Price Bid as per Section XI (Price including all taxes & other charges)	

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TENDER NO : 6000018002

Bid Security Declaration Format
(To be printed on letter head of bidder)

Date:

To,
The Chief General Manager
Currency Note Press
Nashik Road

Sub: Bid Security Declaration-Reg.

Ref: 1. Tender No. _____ Dtd: _____
2. Bidder's offer no. _____ Dtd: _____

I, _____ (Name of authorized signatories), on behalf of _____ M/s. _____ (Bidder's name and address), duly authorized to sign the tender document and enter into contract (if awarded), herewith accept that if the bidder withdraw (or) modify our bid during period of validity i.e. within 120 days of opening of bid etc., the bidder will be suspended/debarred/blacklisted for a period of two years from the due date of the tender.

(Signature of Authorized Signatory)

Designation:
Name of Bidder:
Seal:

(Non submission of this declaration may result in disqualification)