



**OFFICE OF THE
MUNICIPAL COUNCIL, KEONJHARGARH**

At/P.O.-Keonjhar, Dist.-Keonjhar, Odisha, Pin-758001
Phone/Fax: (06766) 255413, E-mail:-keonjhar.hud@rediffmail.com

Letter No 4968 /KGM

Date 10.07.25

QUOTATION CALL NOTICE

Sealed quotations are invited from the reputed manufacturers / Suppliers/ Contractors (MV/HT Electrical License Holder) on behalf of the Executive officer, Keonjhar, Odisha, Pin-758001, Keonjhar, Odisha, Pin-758001 for **"Supply of Electrical items in respect of Keonjhar, Odisha, Pin-758001, Keonjhar, Odisha, Pin-758001 Municipality" on or before 28.07.2025 up to 05:00 P.M.**

General Term & Condition:

1. The quotation received after 28th July, 2025 up to 05:00 PM or unsealed shall not be entertained under any circumstances whatsoever.
2. Quotations must be in the enclosed prescribed format (**Price Bid Form**) duly signed by Vendors/ Suppliers/ Contractors or their Authorized representative having up to data dealership certificate/ License/ GST Certificate/ Pan card. In case of signing of quotation by the authorized representative, Letter of authorization must be attached with the quotation.
3. The quotationers are required to deposit paper cost **Rs.5000.00** (Rupees five thousand) only in shape of Demand Draft from any Nationalized Bank drawn in favour of Executive Officer, Keonjhar, Odisha, Pin-758001, Keonjhar, Odisha, Pin-758001 Municipality payable at Keonjhar along with quotation schedule.
4. The sealed main envelop duly superscribed with quotation No. only and containing the documents mentioned at Sl. 2 above should be dispatched through Regd. Post/ Speed Post addressed to the **Executive Officer, Keonjhar, Odisha, Pin-758001, Keonjhar, Odisha, Pin-758001 Municipality**, Keonjhar so as to reach his office on or before **5.30 P.M** of **Dt. 28.07.2025. Keonjhar, Odisha, Pin-758001, Keonjhar, Odisha, Pin-758001 Municipality** will not be held responsible for postal delay, if any, in the delivery of the documents and/or non-receipt of the same in time. **Keonjhar, Odisha, Pin-758001, Keonjhar, Odisha, Pin-758001 Municipality** shall also not be held responsible for any damage caused to the documents during transit & handling.
5. The quotations will be opened on dt.**29.07.2025** at 11.00 A.M in the presence of the quotationer or their authorized representatives at the chamber of Executive officer in respect of Keonjhar, Odisha, Pin-758001, Keonjhar, Odisha, Pin-758001 Municipality.
6. Rates must be quoted in **"Indian Rupees"** and as per the format Specified taxes extra if any must be written separately.
7. No over writing or cutting is permitted in the rate. If found, the quotation shall be summarily rejected.
8. The rates quoted **must be valid for 01 year minimum** from the date of opening of quotation.

9. L1 will be decided on the composite basis. Becoming L1 will not be the criteria for awarding of work unless the rates are reasonable & justified.
10. The selected quotationer shall be required to supply the materials in good condition within 10days, issue of purchase order, failing which the purchase order shall be liable to be cancelled.
11. The materials are to be delivered in good condition to the office of the Keonjharagarh Municipality or to the premises comes under KGM i.e. within Keonjharagarh Municipality.
12. Quotations qualified by such vague and indefinite expressions such as "subject to prior confirmation", "subject to immediate acceptance" etc. will be treated as vague offers and rejected accordingly. Any conditional quotation shall be rejected summarily.
13. This office has the Right to increase or decrease the quantity and/or amount of work.
14. This office has reserved the Right to Reject any quotation or part or the whole of inviting quotation process without assigning any reason. Decision of the Keonjharagarh Municipality, Keonjhar will be final in this regard.
15. This quotation will be available in this office website i.e., <https://www.keonjharagarhmc.in> from 11.00 A.M of 11.07.2025 for view and download.

Special Terms & Conditions:

1. Bidder must quote rate in Price Bid Form provided in **Annexure-A** only.

Executive Officer,
Keonjharagarh Municipality

Memo No 4969 /KGM Dt 10.07.25

Copy to the Office Notice Board for wide publication.

Executive Officer,
Keonjharagarh Municipality

Memo No 4970 /KGM Dt 10.07.25

Copy to the MIS Keonjharagarh Municipality for uploading the Quotation document in the office website.

Executive Officer,
Keonjharagarh Municipality

Memo No 4971 /KGM Dt 10.07.25

Copy to the SE, (R&B) division, Keonjhar Circle for wide publication.

Executive Officer,
Keonjharagarh Municipality

Memo No 4972/KGM Dt 10.07.25

Copy to the PD, DUDA, Keonjhar/ PD, DRDA, Keonjhar/ Tahasildar, Keonjhar/ SE, (R&B) division, Keonjhar Circle /BDO Keonjhar/ Collector cum District Magistrate, Keonjhar for Kind information and request to publish in their office Notice Board.

Executive Officer,
Keonjhar Municipality

Memo No 4973/KGM Dt 10.07.25

Copy in duplicate forwarded to Deputy Director(Advt.) & Deputy Secretary to Govt. information and Public Relation Department, Odisha, Bhubaneswar for information with a request to publish this Quotation in Two Odia local daily News Paper for wide circulation as required under provision of OPWD Code amended vide works Department letter No-17823 dt-11.10.2006, it is requested to ensure the publication of above Quotation before dt.11.07.2025. Copy of the newspapers wherein the advertisement is published may please be sent to this office for necessary action.

Encl:- As above-In duplicate.

Executive Officer,
Keonjhar Municipality

Annexure-A

Price Bid Form

(On Letterhead of Company/firm)

To,

The Executive Officer,
Keonjhargarh Municipality,
Keonjhar.

Dear Sir/Madam,

1. I/We M/s. _____ submitting the quotation for Enquiry no. _____/KGM, dt. ____/____/2025
2. I/We thoroughly examined, understood and accepted terms & Conditions given in the enquiry document, failing which my quotation will be rejected out rightly.
3. I/We hereby offer to supply at the following rates.

A. Indoor Lights

SL No.	Item Description	Unit	Price/Unit(Excluding GST)
1	Supply & fixing of 12Watt B22/E27 LED Bulb in the existing angle holder With one year replacement warranty(Make-Havells/Crompton/Bajaj /Phillips /Wipro/Jaquar)	Each	
2	Supply & fixing of 15Watt B22/E27 LED Bulb in the existing angle holder With one year replacement warranty(Make-Havells/Crompton/Bajaj /Phillips/ Wipro/Jaquar)	Each	
3	Supply & fixing of 12Watt (WW/CDL) LED Crysta chip on board (COB) swivel downlight with crisp light throw and high CRI. The swivel feature allows you to direct light as per requirement With one year replacement warranty. (Make-Havells/Crompton/Phillips/Wipro/Jaquar)	Each	
4	Supply & fixing of 18Watt (WW/CDL) LED Crysta chip on board (COB) swivel downlight with crisp light throw and high CRI. The swivel feature allows you to direct light as per requirement With one year replacement warranty. (Make-Havells/Crompton/Phillips/Wipro/Jaquar)	Each	

5	Supply & fixing of 24Watt (WW/CDL) LED Crysta chip on board (COB) swivel downlight with crisp light throw and high CRI. The swivel feature allows you to direct light as per requirement With one year replacement warranty (Make-Havells/Crompton/Phillips/Wipro / Jaquar)	Each	
6	Supply of 32Watt ultra slim Aluminum LED battens with one year replacement warranty (Make-Havells/Crompton/Bajaj/Phillips/Wipro/HPL)	Each	
7	Supply of 40Watt ultra slim Aluminum LED battens with one year replacement warranty (Make-Havells/Crompton/Bajaj/Phillips/Wipro/HPL)	Each	
8	Supply & fixing of 12Watt (WW/CDL) récessed Led panel (ceiling) light (Square/Round type) with inbuilt driver in PC body with one year replacement warranty. (Make-Havells/Crompton/Phillips/Wipro/Jaquar)	Each	
9	Supply & fixing of 18Watt (WW/CDL) recessed Led panel (ceiling) light (Square/Round type) with inbuilt driver in PC body with one year replacement warranty. (Make-Havells/Crompton/Phillips/Wipro/Jaquar)	Each	
10	Supply & fixing of 24Watt (WW/CDL) recessed Led panel (ceiling) light (Square/Round type) with inbuilt driver in PC body with one year replacement warranty. (Make-Havells/Crompton/Phillips/Wipro/Jaquar)	Each	
11	Supply & fixing of 12Watt (WW/CDL) surface mounted Led panel (ceiling) light (Square/Round type) with inbuilt driver in PC body and premium diffuser to ensure glare free & even light distribution. With one year replacement warranty. (Make-Havells/Crompton/Phillips/Wipro/Jaquar)	Each	
12	Supply & fixing of 18Watt (WW/CDL) surface mounted Led panel (ceiling) light (Square/Round type) with inbuilt driver in PC body and premium diffuser to ensure glare free & even light distribution. With one year replacement warranty. (Make-Havells/Crompton/Phillips/Wipro/Jaquar)	Each	
13	Supply & fixing of 24Watt (WW/CDL) surface mounted Led panel (ceiling) light (Square/Round type) with inbuilt driver in PC body and premium diffuser to ensure glare free & even light distribution. With one year replacement warranty . (Make-Havells/Crompton/Phillips/Wipro/Jaquar)	Each	

14	Supply & fixing of 24Watt square shaped of size 2ft X 2ft ultra-modern designed architectural recess mounting led luminaire which provides soft light and glare free symmetrical illumination suitable for Armstrong/grid ceiling with one year replacement warranty. (Make- Havells/Crompton/Phillips/ Jaquar/HPL/Wipro)	Each	
15	Supply & fixing of 36Watt square shaped of size 2ft X 2ft ultra modern designed architectural recess mounting led luminaire which provides soft light and glare free symmetrical illumination suitable for Armstrong/grid ceiling with one year warranty (Make- Havells/Crompton/Phillips/ Jaquar/HPL/Wipro)	Each	
16	Supply & fixing of 42Watt square shaped of size 2ft X 2ft ultra modern designed architectural recess mounting led luminaire which provides soft light and glare free symmetrical illumination suitable for Armstrong/grid ceiling with one year warranty (Make- Havells/Crompton/Phillips/ Jaquar/HPL/Wipro)	Each	
17	Supply & fixing of 18Watt square shaped of size 1ft X 1ft ultra modern designed architectural LED flat panel for surface mounting which provides soft-light and glare free symmetrical illumination with one year warranty (Make- Havells/Crompton/Phillips/ Jaquar/HPL/Wipro)	Each	
18	Supply & fixing of 24Watt square shaped of size 1ft X 1ft ultra modern designed architectural LED flat panel for surface mounting which provides soft-light and glare free symmetrical illumination with one year warranty (Make- Havells/Crompton/Phillips/ Jaquar/HPL/Wipro)	Each	
19	Supply & fixing of 36Watt square shaped of size 2ft X 2ft ultra modern designed architectural LED flat panel for surface mounting which provides soft-light and glare free symmetrical illumination with one year warranty. (Make- Havells/Crompton/Phillips/ Jaquar /HPL/Wipro)	Each	
20	Supply & fixing of 42Watt square shaped of size 2ft X 2ft ultra modern designed architectural LED flat panel for surface mounting which provides soft-light and glare free symmetrical illumination with one year warranty. (Make- Havells/Crompton/Phillips/ Jaquar/HPL/Wipro)	Each	

21	Supply & fixing of 10 W - IP66 LED environmental friendly, ultra modern, energy saving, surface mounted, bulk head Back-lit LED luminaire comprising of high brightness LEDs.	Each	
22	S/F of 2ft X 1.5ft Flying Insect Control Traps (Fly catcher & killer) indoor type with two nos of UV lamps/tubes each 18watt ,220V,50HHZ wall mounting type rectangular shape including catchment tray, metal shield and CR sheet body with powder coating with one year warranty (Make-Spectrum/Philips or any reputed make).	Each	

B. HVAC system

SL No.	Item Description	Unit	Price/Unit(Excluding GST)
1	SITC of 1.5 TR high wall 5 star inverter type split A.C machine (BTU/Hr-18000) with copper condenser & evaporator having ambient temperature 52 degree Celsius with comprehensive 1 year warranty,5 years warranty on PCB, 10 years warranty on compressor along with copper pipe, drain pipe and electrical connecting cable of up to 3 Mtr.(Make-Carrier /Lyod/Bluestar/Daikin/Samsung)	Each	
2	SITC of 2.0 TR high wall 5 star inverter type split A.C machine (BTU/Hr-21000-24000) with copper condenser & evaporator having ambient temperature 52 degree Celsius with comprehensive 1 year warranty,5 years warranty on PCB, 10 years warranty on compressor along with copper pipe, drain pipe and electrical connecting cable of up to 3 Mtr.(Make-Carrier (Media) /Lyod/Blue star/Daikin/Samsung)	Each	

3	SITC of 1.5 TR one star floor standing (Tower) A.C machine (BTU/Hr-18000) with copper condenser & evaporator having ambient temperature 52 degree Celsius with comprehensive 1 year warranty,5 years warranty on PCB, 10 years warranty on compressor along with copper pipe, drain pipe and electrical connecting cable of up to 3 Mtr.(Make-Carrier /Lyod/Bluestar/Daikin/Samsung)	Each	
4	SITC of 2 TR one star floor standing (Tower) A.C machine (BTU/Hr-18000) with copper condenser & evaporator having ambient temperature 52 degree Celsius with comprehensive 1 year warranty,5 years warranty on PCB, 10 years warranty on compressor along with copper pipe, drain pipe and electrical connecting cable of up to 3 Mtr.(Make-Carrier /Lyod/Bluestar/Daikin/Samsung)	Each	
5	Supply, installation of hard/soft copper refrigerant piping, complete with fitting of bends suitable for 1 TR to 2 TR high wall split A.C and other necessary material to complete the job.	Mtr	
6	Supply, installation of hard/soft copper refrigerant piping, complete with fitting of bends suitable for 1 TR to 2 TR floor standing (Tower) A.C and other necessary material to complete the job.	Mtr	
7	Supply, installation & fabrication of MS base frame suitable for 1 TR to 2 TR high wall split A.C for outdoor unit and other necessary material to complete the job.	Set	
8	Supply, installation & fabrication of MS base stand suitable for 1 TR to 2 TR floor standing (Tower) A.C indoor unit and other necessary material to complete the job.	Set	
9	Supply, installation & fabrication of 25mm nom. Dia pipe,B1 Insulated drain water piping from indoor to nearest drain point separate to all and other necessary material to complete the job.	Mtr	
10	Supply, laying of control cable and other necessary material suitable for 1 TR to 2 TR high wall split A.C to complete the job.	Mtr	
11	Supply, laying of control cable and other necessary material suitable for 1 TR to 2 TR floor standing (Tower) A.C to complete the job.	Mtr	

12	Supply and fixing of 4kVA Voltage stabilizer with copper transformer. (130V to 300 V) (Make-V-Guard/Microtek/Shakti)	No	
13	Supply and fixing of 5kVA Voltage stabilizer with copper transformer. (130V to 300 V) (Make-V-Guard/Microtek/Shakti)	No	
14	Supply and fixing 32Amp Modular type DP switch in the existing board (Make-Legrand/Cona/Panasonic)	No	
15	Supply and installation of 25A AC starter Modular type, Schneider/Siemens/Legrand coil voltage-230 Volt A.C. on mod Box of suitable size including modular covers required.	No	

C. Flood Light

SL No.	Item Description	Unit	Price/Unit(Excluding GST)
1	Supply of 250 Watt LED Flood Light Energy saving, environmental friendly, long life, exclusive innovative die-cast aluminum IP66 flood light, suitable for highlighting architectural facade and general purpose lighting with two years warranty. (Make-Havells/Crompton/Bajaj/Phillips/Wipro/HPL)	Each	
2	Supply of 300 Watt LED Flood Light Energy saving, environmental friendly, long life, exclusive innovative die-cast aluminum IP66 flood light, suitable for highlighting architectural facade and general purpose lighting with two years warranty. (Make-Havells/Crompton/Bajaj/Phillips/Wipro/HPL)	Each	
3	Supply of 350 Watt LED Flood Light Energy saving, environmental friendly, long life, exclusive innovative die-cast aluminum IP66 flood light, suitable for highlighting architectural facade and general purpose lighting with two years warranty. (Make-Havells/Crompton/Bajaj/Phillips/Wipro/HPL)	Each	

12	Supply and fixing of 4kVA Voltage stabilizer with copper transformer. (130V to 300 V) (Make-V-Guard/Microtek/Shakti)	No	
13	Supply and fixing of 5kVA Voltage stabilizer with copper transformer. (130V to 300 V) (Make-V-Guard/Microtek/Shakti)	No	
14	Supply and fixing 32Amp Modular type DP switch in the existing board (Make-Legrand/Cona/Panasonic)	No	
15	Supply and installation of 25A AC starter Modular type, Schneider/Siemens/Legrand coil voltage-230 Volt A.C. on mod Box of suitable size including modular covers required.	No	

C. Flood Light

SL No.	Item Description	Unit	Price/Unit(Excluding GST)
1	Supply of 250 Watt LED Flood Light Energy saving, environmental friendly, long life, exclusive innovative die-cast aluminum IP66 flood light, suitable for highlighting architectural facade and general purpose lighting with two years warranty. (Make-Havells/Crompton/Bajaj/Phillips/Wipro/HPL)	Each	
2	Supply of 300 Watt LED Flood Light Energy saving, environmental friendly, long life, exclusive innovative die-cast aluminum IP66 flood light, suitable for highlighting architectural facade and general purpose lighting with two years warranty. (Make-Havells/Crompton/Bajaj/Phillips/Wipro/HPL)	Each	
3	Supply of 350 Watt LED Flood Light Energy saving, environmental friendly, long life, exclusive innovative die-cast aluminum IP66 flood light, suitable for highlighting architectural facade and general purpose lighting with two years warranty. (Make-Havells/Crompton/Bajaj/Phillips/Wipro/HPL)	Each	

4	Supply of 400 Watt LED Flood Light Energy saving, environmental friendly, long life, exclusive innovative die-cast aluminum IP66 flood light, suitable for highlighting architectural facade and general purpose lighting with two years warranty. (Make- Havells/Crompton/Bajaj/Phillips/Wipro/HPL)	Each	
5	Supply of 500 Watt LED Flood Light Energy saving, environmental friendly, long life, exclusive innovative die-cast aluminum IP66 flood light, suitable for highlighting architectural facade and general purpose lighting with two years warranty. (Make- Havells/Crompton/Bajaj/Phillips/Wipro/HPL)	Each	
6	Fitting/Fixing charges of 250Watt/300W/350W/400W / 500W LED flood light in the existing high mast pole	Each	

D. Fan

SL No	Item Description	Unit	Price/Unit(Excluding GST)
1	SITC of 750mm(30") sweep Wall Mounting Type industrial Air Circulator (Wall Fan) with following specifications: Total Air Delivery (cubic meter/min) 400, Maximum Input Power: 250Watt, Warranty:1 year, Rated Voltage: single phase 230V AC, Rated Frequency: 50 Hertz, RPM at Maximum Speed: 1440, Number of Blades: 3, with Cord & Suitable Plug top etc. as per direction of Engineer-In-Charge.(Make- Almond /Havells/Bajaj)	Each	
2	SITC of 750mm(30") sweep pedestal type industrial Air Circulator with following specifications :Total Air Delivery(cubic meter/min) 400 ,Maximum Input Power: 250Watt,Warranty:1 year, Rated Voltage: single phase 230V AC, Rated Frequency: 50 Hertz, RPM at Maximum Speed: 1440,Number of Blades: 3,with Cord & Suitable Plug top etc. as per direction of Engineer-In- Charge.(Make- Almond /Havells/Bajaj)	Each	

E. Palco light & Microphone

SL No	Item Description	Unit	Price/Unit(Excluding GST)
1	Supply, installation, testing & commissioning of 150Watt RGBW Palco (LED PAR) lights with Aluminum die cast housing body & following specs. Control Mode: AUTO, Master/Slave, DMX512, Sound Active; Beam Angel: 25°; Control Channels: 8 DMX Channels; Working Environment: Indoor, -20°C-40°C; IP Grade: IP20; Power Supply: AC 100-240V/50-60Hz; LED Unites: 54pcs x 3W (RGBW); Power consumption:150W; Mixing Color: RGBW mixing color (Make-BSM/Stan/Ulrich/Baisun)	Each	
2	Supply & Laying of XLR cable of reputed make suitable for connecting Palco (LED PAR) lights	Mtr	
3	Supply, installation, testing & commissioning of DMX 512 channel light controller (PILOT 2000 V3) with light case & following specs : Unit Control: Can control up to 40 units, each with up to 36 channels; Total DMX Channels: Controls a total of 512 DMX channels; Voltage: AC 100-240V, 50/60Hz; Programmable: Up to 40 steps in 4 programs, 4 chases, and 4 mochas; Presets: Can use 4 presets at the same time; Other Features: Direct access to lamp, reset, and other functions, instant access to 4 x 40 program elements with 20 multifunction buttons, trigger via time, tap, and other options.(Make-BSM/Stan/BLL/Jia)	Each	
4	Supply, installation, testing & commissioning of single wireless handheld microphone system with all accessories and connections equivalent to model Sennheiser XSW1-825 with two years warranty. (Make- Sennheiser/Studio master/Shure/Audio Technica)	Set	
5	Supply, installation, testing & commissioning of Dual wireless handheld microphone system with all accessories and connections equivalent to model Sennheiser XSW 1-835 with two years warranty.(Make- Sennheiser/Studio master/Shure/Audio Technica)	Set	

F. Decorative Items

SL No.	Item Description	Unit	Price/Unit(Excluding GST)
1	S/F of 9 Watt garden spike light with Warm White colour SMD LED chip, Die caste aluminum housing, matte grey finish, transparent tempered glass diffuser with IP65, Supply Voltage: 90-260V AC. (Make-Havells/Jaquar/Bajaj/Crompton/Wipro)	Each	
2	S/F of 12 Watt garden spike light with Warm White colour SMD LED chip, Die caste aluminum housing, matte grey finish, transparent tempered glass diffuser with IP65, Supply Voltage: 90-260V AC. (Make-Havells/Jaquar/Bajaj/Crompton/Wipro)	Each	
3	S/F of 18 Watt garden spike light with Warm White colour SMD LED chip, Die caste aluminum housing, matte grey finish, transparent tempered glass diffuser with IP65, Supply Voltage: 90-260V AC. (Make-Havells/Jaquar/Bajaj/Crompton/Wipro)	Each	
4	S/F of 25 Watt garden spike light with Warm White colour SMD LED chip, Die caste aluminum housing, matte grey finish, transparent tempered glass diffuser with IP65, Supply Voltage: 90-260V AC. (Make-Havells/Jaquar/Bajaj/Crompton/Wipro)	Each	
5	S/F of 12 Watt outdoor under water RGB/RGBW light with SMD LED chip, 304 grade Stainless steel housing tempered glass diffuser with IP68, inbuilt driver and controller with remote for light colour change etc. (Make-Havells/Jaquar/Bajaj/Crompton/Wipro/Luxcom)	Each	

6	S/F of 8 Watt (WW/CDL) bollard light with electronics driver , IP65 Protection, 800mm height, Die caste aluminum housing, matte grey finish, polycarbonate diffuser with inbuilt LED, Supply Voltage: 90-260V AC etc equivalent to jaguar model Illumit/Havells-Turin.(Make Bajaj/Crompton/Wipro/Havells/Philips/Jaquar/Orient)	Each	
7	S/F of 10 Watt (WW/CDL) bollard light with electronics driver, IP65 Protection, 600mm height, Die caste aluminum housing, matte grey finish, opal diffuser with inbuilt LED, Supply Voltage: 90-260V AC etc. equivalent to jaguar model Disc bollard/Havells UFO bollard model.(Make-Bajaj/Crompton/Wipro/ Havells/Philips/Jaquar /Orient)	Each	
8	S/F of 10 Watt (WW/CDL) bollard light with electronics driver , IP65 Protection, 600mm height, Die caste aluminum housing, matte grey finish, opal diffuser with inbuilt LED, Supply Voltage: 90-260V AC etc. equivalent to jaguar model cylinder bollard/Havells bamboo led bollard model.(Make-Bajaj/Crompton/Wipro/Havells/Philips/Jaquar /Orient)	Each	
9	S/F of 16 Watt (WW/CDL) bollard light with electronics driver , IP54 Protection, 600mm height, Die caste aluminum housing, matte grey finish, downward lighting with inbuilt LED, Supply Voltage: 90-260V AC etc. equivalent to Havells Mushroom Bollard light model . (Make-Bajaj/ Crompton/Wipro/ Havells/Philips/Jaquar /Orient)	Each	
10	Construction of RCC Foundation for the LED bollard lights of size 8inchx8inchx18inch including excavation of the soil, shuttering, etc.	Each	



11	<p>S/F of 3 mtr long Decorative Poles for landscape Lighting made out of combo type Hot Dip Galvanized Pipes as per the IS: 1161: 1998. Bottom-1000mm X 114mm X 4mm, Top- 2000mm X 60mm X 4mm . With suitable base plate size and cast aluminum Ornamental spigots at the bottom, middle and top with PYU based etch primer & matt finish on the surface to make it absolutely rust & corrosion proof, as well as giving the pole a fantastic athletic look. Provision of eleptical service window and to mount one nos MCB with ERP pole junction box including clamps, locking arrangement and for providing connection to incomer cable and out going wire, Suitable bus bar arrangement to loop 2 to 3 cables of size up to 6 sqmm,6A MCB and bi-metallic connector to be provided in each junction box for supply to LED Luminaires. Supply of suitable foundation bolts is included in the cost of pole, as per direction of the engineer in-Charge (MAKE of poles:- Crompton/ Philips/Bajaj/Havells/Jaquar/Sleex/PPE/Surya)</p>	Each	
12	<p>S/F of 4 mtr long Decorative Poles for landscape Lighting made out of combo type Hot Dip Galvanized Pipes as per the IS: 1161: 1998. Bottom-1000mm X 114mm X 4mm, Top- 3000mm X 60mm X 4mm . With suitable base plate size and cast aluminum Ornamental spigots at the bottom, middle and top with PYU based etch primer & matt finish on the surface to make it absolutely rust & corrosion proof, as well as giving the pole a fantastic athletic look. Provision of eleptical service window and to mount one nos MCB with ERP pole junction box including clamps, locking arrangement and for providing connection to incomer cable and out going wire, Suitable bus bar arrangement to loop 2 to 3 cables of size up to 6 sqmm,6A MCB and bi-metallic connector to be provided in each junction box for supply to LED Luminaires. Supply of suitable foundation bolts is included in the cost of pole, as per direction of the engineer in-Charge (MAKE of poles:- Crompton/ Philips/Bajaj/Havells/Jaquar/Sleex/PPE/Surya)</p>	Each	



13	Construction of RCC Foundation for the 3Mtr/4Mtr decorative pole of size 18inchx18inchx36inch (LxBxH) including excavation of the soil, shuttering, etc.	Each	
14	S/F of 1mtr long decorative single round arm for decorative pole.	Each	
15	S/F of 1mtr long decorative double round arm for decorative pole.	Each	
16	S/F of 45 Watt Tear drop (Hanging type) LED garden decorative Light . Frequency-50Hz Voltage/Current: 240V-0.150-0.180A Wattage 240V-45 Watt Material of construction: Die cast Aluminum Housing, polycarbonate Diffuser powder coated, Ingress Protection: IP65, LED: 3000-4000 deg. K +/-500K, Driver Efficiency: ≥85%, Surge protection: 4kV, Power factor: ≥90%, THD: ≤10%, Operating input voltage range: 150 - 270V, Power consumption: 45 Watt . Fixture should be suitable for 3/4 Mtr Decorative pole entry with fixing bolts,etc..equivalent to Crompton EMPIRE model/Jaquar Sentinel model (Make- Crompton/ Philips/Bajaj/Havells/Jaquar)	Each	
17	S/F of 60 Watt Tear drop (Hanging type) LED garden decorative Light . Frequency-50Hz Voltage/Current: 240V-0.150-0.180A Wattage 240V-60 Watt Material of construction: Die cast Aluminum Housing, polycarbonate Diffuser powder coated, Ingress Protection: IP65, LED: 3000-4000 deg. K +/-500K, Driver Efficiency: ≥85%, Surge protection: 4kV, Power factor: ≥90%, THD: ≤10%, Operating input voltage range: 150 - 270V, Power consumption: 60 Watt . Fixture should be suitable for 3 Mtr Decorative pole entry with fixing bolts, etc.. equivalent to Crompton EMPIRE model/Jaquar Sentinel model (Make- Crompton/ Philips/Bajaj/Havells/Jaquar)	Each	

18	<p>S/F of 40Watt LED post top Light . Frequency-50Hz Voltage/Current: 240V-0.150-0.180A Wattage 240V-40 Watt Material of construction: Die cast Aluminum Housing, polycarbonate Diffuser powder coated, Ingress Protection: IP65, LED: 3000-4000 deg. K +/-500K, Driver Efficiency: ≥85%, Surge protection: 4kV, Power factor: ≥90%, THD: ≤10%, Operating input voltage range: 150 - 270V, Power consumption: 40 Watt . Fixture should be suitable for 3/4mtrDecorative pole entry with fixing bolts,etc..equivalent to Havells RUBY Led Post top model/Crompton Maple model (Make- Crompton/ Philips/Bajaj/Havells/Jaquar)</p>	Each	
19	<p>S/F of 60Watt LED post top Light . Frequency-50Hz Voltage/Current: 240V-0.150-0.180A Wattage 240V-60 Watt Material of construction: Die cast Aluminum Housing, polycarbonate Diffuser powder coated, Ingress Protection: IP65, LED: 3000-4000 deg. K +/-500K, Driver Efficiency: ≥85%, Surge protection: 4kV, Power factor: ≥90%, THD: ≤10%, Operating input voltage range: 150 - 270V, Power consumption: 60 Watt . Fixture should be suitable for 3/4mtrDecorative pole entry with fixing bolts, etc.. equivalent to Havells RUBY LeD Post toP model/Crompton Maple model (Make- Crompton/ Philips/Bajaj/Havells/Jaquar)</p>	Each	

20	<p>S/F of 45Watt LED post top Light with decorative circular design . Frequency-50Hz Voltage/Current: 240V-0.150-0.180A Wattage 240V-45 Watt Material of construction: Die cast Aluminum Housing, polycarbonate opal Diffuser powder coated, Ingress Protection: IP65, LED: 3000-4000 deg. K +/-500K, Driver Efficiency: ≥85%, Surge protection: 4kV, Power factor: ≥90%, THD: ≤10%, Operating input voltage range: 150 - 270V, Power consumption: 45 Watt . Fixture should be suitable for 3/4mtrDecorative pole entry with fixing bolts,etc..equivalent to Bajaj Archer post top model/Wipro Urbano model (Make- Crompton/Bajaj/Havells/Jaquar /Wipro)</p>	Each	
21	<p>S/F of 60Watt LED post top Light with decorative circular design . Frequency-50Hz Voltage/Current: 240V-0.150-0.180A Wattage 240V-60 Watt Material of construction: Die cast Aluminum Housing, polycarbonate opal Diffuser powder coated, Ingress Protection: IP65, LED: 3000-4000 deg. K +/-500K, Driver Efficiency: ≥85%, Surge protection: 4kV, Power factor: ≥90%, THD: ≤10%, Operating input voltage range: 150 - 270V, Power consumption: 60 Watt . Fixture should be suitable for 3/4mtrDecorative pole entry with fixing bolts,etc..equivalent to Bajaj Archer post top model/Wipro Urbano model (Make- Crompton/Bajaj/Havells/Jaquar/Wipro)</p>	Each	



22	<p>S/F of 40Watt LED gate top Light . Frequency-50Hz Voltage/Current: 240V-0.150-0.180A Wattage 240V-64 Watt Material of construction: Die cast Aluminum Housing, polycarbonate Diffuser powder coated, Ingress Protection: IP65, LED: 3000-4000 deg. K +/-500K, Driver Efficiency: ≥85%, Surge protection: 4kV, Power factor: ≥90%, THD: ≤10%, Operating input voltage range: 150 - 270V, Power consumption: 40 Watt . Fixture should be suitable for 3/4mtrDecorative pole entry with fixing bolts, etc.. equivalent to Havells RUBY LED Post top model/Crompton Maple model (Make- Crompton/ Philips/Bajaj/Havells/Jaquar)</p>	Each	
23	<p>S/F of 60Watt LED gate top Light. Frequency-50Hz Voltage/Current: 240V-0.150-0.180A Wattage 240V-60 Watt Material of construction: Die cast Aluminum Housing, polycarbonate Diffuser powder coated, Ingress Protection: IP65, LED: 3000-4000 deg. K +/-500K, Driver Efficiency: ≥85%, Surge protection: 4kV, Power factor: ≥90%, THD: ≤10%, Operating input voltage range: 150 - 270V, Power consumption: 60 Watt. Fixture should be suitable for 3/4mtrDecorative pole entry with fixing bolts,etc.. equivalent to Havells RUBY LED Post top model/Crompton Maple model</p>	Each	
24	<p>Supply and laying of 1.1KV FRLS 3Core 1.5 sq mm stranded type tinned copper conductor with XLPE insulated armored cable(2XWY) of ISI marked (Make- Havells/ Polycab/ Rhin/KEI/ Finolex)</p>	Mtr.	
25	<p>Supply and laying of 1.1KV FRLS 3Core 2.5 sq mm stranded type tinned copper conductor with XLPE insulated armored cable(2XWY) of ISI marked (Make- Havells/ Polycab/ Rhin/KEI/ Finolex)</p>	Mtr.	

26	Supply and laying of 1.1KV FRLS 3Core 4.0 sq mm stranded type tinned copper conductor with XLPE insulated armored cable(2XWY) of ISI marked (Make- Havells/ Polycab/ Rhin/KEI/ Finolex)	Mtr.	
27	Supply and laying of 1.1KV FRLS 3Core 1.5 sq mm stranded type tinned copper conductor with XLPE insulated, PVC outer sheathed, unarmored cable (2XY) of ISI marked (Make- Havells/ Polycab/ KEI/ Finolex)	Mtr.	
28	Supply and laying of 1.1KV FRLS 3Core 2.5 sq mm stranded type tinned copper conductor with XLPE insulated, PVC outer sheathed, unarmored cable (2XY) of ISI marked (Make- Havells/ Polycab/ KEI/ Finolex)	Mtr.	
29	SITC of Outdoor floor mounted IP66 type single phase, 2KW digital Astronomical timer panel for light control with Auto/Manual on/off provision, Indicator etc. including foundation of the base. (Make- Havells/Bajaj/L&T/C&S/Eq.)	Each	
30	SITC of Outdoor floor mounted IP66 type single phase, 3KW digital Astronomical timer panel for light control with Auto/Manual on/off provision, Indicator etc. including foundation of the base. (Make- Havells/Bajaj/L&T /C&S/Eq.)	Each	
31	SITC of Outdoor floor mounted IP66 type single phase, 5KW digital Astronomical timer panel for light control with Auto/Manual on/off provision, Indicator etc. including foundation of the base. (Make- Havells/Bajaj/L&T/C&S/Eq.)	Each	
32	SITC of Outdoor floor mounted IP66 type single phase, 7KW digital Astronomical timer panel for light control with Auto/Manual on/off provision, Indicator etc. including foundation of the base. (Make- Havells/Bajaj/L&T/C&S/Eq.)	Each	
33	Supply and laying of 25mm HDPE pipe PN-6 of reputed make in the existing trench.	Mtr.	
34	Supply and laying of 32mm HDPE pipe PN-6 of reputed make in the existing trench.	Mtr.	
35	Supply and laying of 50mm HDPE pipe PN-6 of reputed make in the existing trench.	Mtr.	

36	Supply and laying of 63mm HDPE pipe PN-6 of reputed make in the existing trench.	Mtr.	
37	Supply and laying of 75mm HDPE pipe PN-6 of reputed make in the existing trench.	Mtr.	37
38	Supply, fitting and fixing of LED strip light in the existing trees/poles, with all accessories and connections suitable for indoor & outdoor, IP67 housing Flexible PCB cover, transparent PVC mounting, Fixing arrangement-surface mounted, IP65, IK03 type integral electronics LED driver, Operating Voltage range (140- 250V AC), 50Hz, surge protection: 3.5KV, Operating Temp range: (-10deg C to +45deg C), 650Lumen/Mtr, No. of LEDs: 120LEDs/Mtr, 8watt/ Mtr (Colour of LED light- Warm white/Ice blue/Green/Tri colour(Indian Flag)) (Make- Havells/Crompton/Philips/Wipro/Jaques)	Mtr.	



G. Solar Lights

SL No.	Item Description	Unit	Price/Unit(Excluding GST)
1	Supply, Installation, Testing and Commissioning of Semi integrated type 40W,120lm/W solar LED street light system with built in 30AH 12.8V LiFePO4 battery-1 no's, including 100Watt, IP65 solar PV module (Monocrystal.)-1 no's, Automatic Dusk to Dawn feature and 7Mtr. long, Galvanized Iron pole with accessories and connections including foundation of the pole (Make-Waree/Bajaj/Crompton/HPL/Havells)	Each	
2	Supply, Installation, Testing and Commissioning of All-in-one integrated type 40W solar LED street light system in the existing pole/wall with following specifications. LED power:40Watt, Efficacy:120lm/W; CCT – 5700K ±500K, CRI >70; Battery capacity: 30AH LiFePO4 battery, Solar PV module:75Watt,(Monocrystal.); Integral PIR sensor for motion detection, MPPT charge controller with 90% efficiency; System voltage: 12.8V; IK08 housing (without motion sensor); Component level IP65 product, Automatic Dusk to Dawn feature including Over voltage and deep discharge protection with all accessories and connections excluding pole and foundation. (Make-Waree/Bajaj/Crompton/HPL/Havells)	Each	

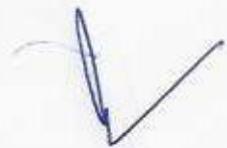


3	<p>Supply,Installation,Testing and Commissioning of All-in-one integrated type 60W solar LED street light system in the existing pole/wall with following specifications. LED power:60Watt, Efficacy:120lm/W ; CCT – 5700K ±500K, CRI >70; Battery capacity: 54AH LiFePO4 battery, Solar PV module:125Watt,(Monocrysta.); Integral PIR sensor for motion detection, MPPT charge controller with 90-96% efficiency; System voltage: 12.8V; IK08 housing (without motion sensor); Component level IP65 product,Automatic Dusk to Dawn feature including Over voltage and deep discharge protection with all accessories and connections excluding pole and foundation. (Make-Waree/Bajaj/Crompton/HPL /Havells)</p>	Each	
4	<p>Supply,Installation,Testing and Commissioning of All-in-one integrated type 70W solar LED street light system in the existing pole/wall with following specifications. LED power:70Watt, Efficacy:120lm/W ; CCT – 5700K ±500K, CRI >70; Battery capacity: 60AH LiFePO4 battery, Solar PV module:125Watt,(Monocrysta.); Integral PIR sensor for motion detection, MPPT charge controller with 90-96% efficiency; System voltage: 12.8V; IK08 housing; Component level IP65 product,Automatic Dusk to Dawn feature including Over voltage and deep discharge protection with all accessories and connections excluding pole and foundation. (Make-Waree/Bajaj/ Crompton /HPL/Havells)</p>	Each	
5	<p>Supply,Installation,Testing and Commissioning of All-in-one integrated type 90W solar LED street light system in the existing pole/wall with following specifications. LED power:90Watt, Efficacy:120lm/W ; CCT – 5700K ±500K, CRI >70; Battery capacity: 80AH LiFePO4 battery, Solar PV module:150Watt,(Monocrysta.); Integral PIR sensor for motion detection, MPPT charge controller with 90-96% efficiency; System voltage: 12.8V; IK08 housing; Component level IP65 product,Automatic Dusk to Dawn feature including Over voltage and deep discharge protection with all accessories and connections excluding pole and foundation. (Make-Waree/Bajaj/ Crompton /HPL/Havells)</p>	Each	

6	<p>Supply,Installation,Testing and Commissioning of All-in-one integrated type 40W solar LED street light system in the existing pole/wall with following specifications. LED power:40Watt, Efficacy:120lm/W ; CCT – 5700K ±500K, CRI >70; Battery capacity: 30AH LiFePO4 battery, Solar PV module:75Watt,(Monocrysta.); Integral PIR sensor for motion detection, MPPT charge controller with 90% efficiency; System voltage: 12.8V; IK08 housing (without motion sensor); Component level IP65 product,Automatic Dusk to Dawn feature including Over voltage and deep discharge protection with all accessories and connections including 7mtr long octagonal pole of Top dia-70mm,Bottom dia-130mm, 3mm thickness,12mm base plate thickness,4nos foundation bolt etc. and RCC foundation. (Make-Waree/Bajaj/Crompton/HPL/Havells)</p>	Each	
7	<p>Supply,Installation,Testing and Commissioning of All-in-one integrated type 60W solar LED street light system in the existing pole/wall with following specifications. LED power:60Watt, Efficacy:120lm/W ; CCT – 5700K ±500K, CRI >70; Battery capacity: 54AH LiFePO4 battery, Solar PV module:125Watt,(Monocrysta.); Integral PIR sensor for motion detection, MPPT charge controller with 90-96% efficiency; System voltage: 12.8V; IK08 housing (without motion sensor); Component level IP65 product,Automatic Dusk to Dawn feature including Over voltage and deep discharge protection with all accessories and connections including 9mtr long octagonal pole of Top dia-70mm,Bottom dia-155mm, 3mm thickness,16mm base plate thickness, 4nos foundation bolt etc. and RCC foundation. (Make-Waree/Bajaj/Crompton/HPL/Havells)</p>	Each	



8	<p>Supply, Installation, Testing and Commissioning of All-in-one integrated type 70W solar LED street light system in the existing pole/wall with following specifications. LED power:70Watt, Efficacy:120lm/W ; CCT – 5700K ±500K, CRI >70; Battery capacity: 60AH LiFePO4 battery, Solar PV module:125Watt,(Monocrysta.); Integral PIR sensor for motion detection, MPPT charge controller with 90-96% efficiency; System voltage: 12.8V; IK08 housing; Component level IP65 product, Automatic Dusk to Dawn feature including Over voltage and deep discharge protection with all accessories and connections including 9mtr long octagonal pole of Top dia-70mm, Bottom dia-155mm, 3mm thickness, 16mm base plate thickness, 4nos foundation bolt etc. and RCC foundation. (Make-Waree/Bajaj/Crompton /HPL/Havells)</p>	Each	
9	<p>Supply, Installation, Testing and Commissioning of All-in-one integrated type 90W solar LED street light system in the existing pole/wall with following specifications. LED power:90Watt, Efficacy:120lm/W ; CCT – 5700K ±500K, CRI >70; Battery capacity: 80AH LiFePO4 battery, Solar PV module:150Watt,(Monocrysta.); Integral PIR sensor for motion detection, MPPT charge controller with 90-96% efficiency; System voltage: 12.8V; IK08 housing; Component level IP65 product, Automatic Dusk to Dawn feature including Over voltage and deep discharge protection with all accessories and connections including 9mtr long octagonal pole of Top dia-70mm, Bottom dia-155mm, 3mm thickness, 16mm base plate thickness, 4nos foundation bolt etc. and RCC foundation. (Make-Waree/Bajaj/ Crompton /HPL/ Havells)</p>	Each	



H. Inverter & Battery

SL No.	Item Description	Unit	Price/Unit (Excluding GST)
1	SITC of 5.2KVA (4160Watt) Capacity home UPS(Inverter) with following specifications.48V DC battery voltage, pure sine wave output waveform,0.8 P.F., Output frequency:50HZ+/- 0.2HZ,Boost based PWM controlled multistage ATM charging, protections: low battery voltage, Battery overcharge/reverse polarity, smart overload sense & short circuit, over temp. etc. opersting temp.:0-45deg centigrade;Efficiency:78%;Transfer time mains to battery:</= 10ms; Standard input voltage(inverter mode):100-270V suitable for Tubulat/Falt plate lead acid batteries(80AH- 200AH)with two years warranty.(Make-Exide/V- guard/Luminous/Microtec)	Each	
2	SITC of 4.0KVA (3200Watt) Capacity Capacity home UPS(Inverter) with following specifications. 36V DC battery voltage, pure sine wave output waveform,0.8 P.F.,Output frequency:50HZ+/- 0.2HZ,Boost based PWM controlled multistage ATM charging,protections: low battery voltage,Battery overcharge/reverse polarity,smart overload sense & short circuit, over temp.etc.opersting temp.:0-45deg centigrade;Efficiency:75%;Transfer time mains to battery:</= 10ms; Standard input voltage(inverter mode):100-270V suitable for Tubulat/Falt plate lead acid batteries(80AH- 200AH)with two years warranty.(Make-Exide/V- guard/Luminous/Microtec)	Each	
3	SITC of 2.8KVA (2240Watt) Capacity Capacity home UPS(Inverter) with following specifications. 24V DC battery voltage, pure sine wave output waveform,0.8 P.F.,Output frequency:50HZ+/- 0.2HZ,Boost based PWM controlled multistage ATM charging,protections: low battery voltage,Battery overcharge/reverse polarity,smart overload sense & short circuit, over temp.etc.opersting temp.:0-45deg centigrade;Efficiency:71%;Transfer time mains to battery:</= 10ms; Standard input voltage(inverter mode):100-270V suitable for Tubulat/Falt plate lead acid batteries(80AH- 200AH)with tw		

4	Supply and installation of 150AH Tubular type, Suitable for Deep Discharge:1000 Cycles @ 80% DOD with 5years warranty. (Make-Exide/V-guard/Luminous/Microtec)	Each	
5	Supply and installation of 200AH Tubular type, Suitable for Deep Discharge:1000 Cycles @ 80% DOD with 5years warranty. (Make-Exide/V-guard/Luminous/Microtec)	Each	
6	Supply and installation of 250AH Tubular type, Suitable for Deep Discharge:1000 Cycles @ 80% DOD with 5years warranty. (Make-Exide/V-guard/Luminous/Microtec)	Each	
7	Supply and fixing of battery trolley suitable to hold two tubular batteries with wheels.	Each	

I. Panels

SL No.	Item Description	Unit	Price/Unit (Excluding GST)
	Main Control Panel		
1	<p>Supply, installation, testing & commissioning of LT indoor floor mounted cubical type electrical main panel (for both light and power circuit) made out by 2mm CRCA steel sheet duly dedusted & painted by siemens gray powder cote paint followed by 9 tank acid treatment etc. Warrantee period of replacement of panel & accessories must be 3 years with following arrangement.</p> <p>In commer-1-01 number of 125A 4P lcu=100%lcs,36Ka LSIG MCCB with microprocessor based release Electrical locking for normal & DG (ake-LEGRAND-DPX3 / Siemens-3VA Model/ Schneider- CVS</p> <p>In commer-2- 01 no of 125A 4P onload changeover switch Make- HPL/L&T/Siemens/Schneider)</p> <p>Busbar- 04 numbers of 200Amps 25*5mm copper bus bar Electrolytic copper busbar duly sleeved by color coded PVC sleeve & supported by suitable size DMC insulator.</p> <p>Out going- 04 numbers of 40A 4P MCCB,,25Ka MCCB withTMR based release with adjustable overload ,lcu=100%lcs(Make-LEGRAND-DPX3 / Siemens-3VA Model/ Schneider- CVS)</p> <p>Out going- 03 nos 32A DP MCB 10kA,C series Light load to LDBs . Make-LEGRAND-DX3/ Siemens-Beta guard/</p>		

2	<p>Supply, installation, testing & commissioning of L.T. indoor floor mounted cubical type electrical main panel (for both light and power circuit) made out by 2mm CRCA steel sheet duly dedusted & painted by siemens gray powder cote paint fallowed by 9 tank acid treatment etc. Warrantee period of replacement of panel & accessories must be 3 years with following arrangement.</p> <p>In commer-1-01 number of 200A 4P Icu=100%Ics,36Ka LSIG MCCB with microprocessor based release Electrical locking for normal & DG (Make-LEGRAND-DPX3 / Siemens-3VA Model/ Schneider- CVS</p> <p>In commer-2- 01 no of 125A 4P onload changeover switch (Make- HPL/L&T/Siemens/Schneider)</p> <p>Busbar- 04 numbers of 200Amps 25*5mm copper bus bar Electrolytic copper busbar duly sleeved by color coded PVC sleeve & supported by suitable size DMC insulator.</p> <p>Out going- 04 numbers of 63A 4P MCCB,25Ka MCCB with TMR based release with adjustable overload ,Icu=100%Ics (Make-LEGRAND-DPX3 / Siemens-3VA Model/ Schneider- CVS)</p> <p>Outgoing - 03 nos 40A DP MCB 10kA/C series Light load to LDBs. Make-LEGRAND-DX3/ Siemens-Beta guard/</p>		
---	--	--	--

➤ Notes:

- i. GST Shall be paid extra as applicable.
- ii. L1 will be decided on composite basis.
- iii. The bidder must be quoted their quotation only in above said format on the letter of firm otherwise quotation will be **REJECTED**.

Date _____

Place _____

Name of the Firm/Agency: _____

Phone No _____

Firm GST: _____

Signature of Authorized Person: _____

Seal: _____

