

SHIROMANI GURDWARA PARBANDHAK COMMITTEE, AMRITSAR

LIGHTING OF THE GOLDEN TEMPLE

NOTICE INVITING E-TENDERS

SGPC –Purchase department invites Global e- Tenders from reputed international lighting fixtures manufacturers or their authorized agents for supply of the architectural lighting for Sri Darbar Sahib(The Golden Temple), Amritsar.

The tender can be downloaded from 07.01.2014 (15.00 hours onwards) & last date of submission of e-tender is 15th January 2014 from our ets site <https://www.tcil-india-electronictender.com> .

The interested parties need to register themselves as suppliers at our ets site: <https://www.tcil-india-electronictender.com> before they can participate for the tender. The tender(**Tender reference SGPC-2014-TN00001**) can be downloaded & bidding can be made at the aforesaid site (<https://www.tcil-india-electronictender.com>) only with Internet explorer 6 and above.

The entire process of registration & participation shall be required to be digitally signed by way of digital signatures of class II and above in the name/e-mail address of the participant.

The participant can avail the helpline numbers as mentioned at the site for getting any clarification for registration and bidding instructions or may call up Mr. Rakesh Ranjan at +919717038132 for clarifying any problems faced for registration or participating in the e-tender.

Secretary,

Shromani Gurudwara Parbandhak Committee,

Sri Darbar Sahib,

Sri Amritsar.

Name of Work: - Supply of lighting fixtures at Golden Temple Amritsar

1. The work includes supply of lighting fixtures and providing adequate spare parts/service/replacement for a period of 10 years to enable the contractor appointed by the SGPC, to maintain the same for a period of 10 years.
2. The supplier shall enter into a tri-party agreement with the SGPC and the contractor for providing the required material for maintenance of the lighting fixtures for 10 years.
3. The bidder should not be blacklisted from any govt. organization, an affidavit for the same needs to be submitted by the agency.
4. Bill of entry / custom clearance challan shall have to be submitted by the successful bidder along with the challan for all imported materials brought to site.
5. Payment shall be made upon furnishing the following documents
 - i. Copy of Bill of Entry from Customs showing the name of Approved Brand / Manufactures.
 - ii. Manufacture's test report.
 - iii. Data Sheet of the product.
6. Bidders from any Foreign Country can also participate.
7. The SGPC reserves the right to accept or reject after inspecting at site.
8. Payment terms and security will be as per SGPC standard terms and conditions.

Lighting BOQ for Harmandir Sahib at Amritsar

(Date:- 24-12-2013)

Sr.No.	Description	Unit	Quantity	Rate/Unit	Amount	Delivery Time (from the date of order)
1	Under Water Fixtures					
1.1	Under water LED fixture with the following specifications , IP 68, made of stainless steel 316 L, 36W , Colour temp. 2500 deg. K., 10 degree beam angle , Lumen output greater than 2500 lumens, , double cable gland for loop in and loop out, foot mounting adjustment . alongwih remote power supply for 48 lights (Multiple power supplies may also be quoted), The fixture shall be Luminy 4 of LEC or 4.0365.00.0036 of Wibre or like of a reputed international brand*	Nos.	48			60 days
1.2	Under water LED fixture with the following specifications , IP 68, made of stainless steel 316 L, 36W , Colour temp. 4000 deg. K., 45 degree beam angle , Lumen output greater than 2500 lumens, double cable gland for loop in and loop out , foot mounting adjustment . alongwith remote power supply for 8 lights (Multiple power supplies may also be quoted), The fixture shall be Luminy 4 of LEC or 4.0365.00.0036 of Wibre or like of a reputed international brand*	Nos.	8			60 days
1.3	Under water LED fixture with the following specifications , IP 68, made of stainless steel 316 L, 36W , Colour temp. 8000 deg. K.(use 4 nos. blue LED and 8 nos. 4000 deg.k. col. temp. LED), 10 degree beam angle , Lumen output greater than 2500 lumens, double cable gland for loop in and loop out , foot mounting adjustment . alongwith remote power supply for 20 lights (Multiple power supplies may also be quoted), The fixture shall be Luminy 4 of LEC or 4.0365.00.0036 of Wibre or like of a reputed international brand*	Nos.	20			60 days

1.4	Under water LED fixture with the following specifications , IP 68, made of stainless steel 316 L, 12W , Colour temp. 4000 deg. K., 45 degree beam angle , Lumen output greater than 1000 lumens, double cable gland for loop in and loop out , foot mounting adjustment . alongwith remote power supply for 40 lights (Multiple power supplies may also be quoted), The fixture shall be Luminy of LEC or Wibre or like of a reputed international brand*	Nos.	40			60 days
2	Static Colour Spot/Flood light					
2.1	Surface mounted LED spot lightwith foot mounting adjustable bracket ,IP 66 , 4 to 6 Watts , 4000 deg. K. col. Temp., lumen output greater than 350 lumens, Elliptical beam 15 degree on x axis, 30 degree on y axis with remote power supply , The fixture shall be made of Die cast Aluminium and shall not exceed size of 100mm x 100mm x 100mm. X axis is along the length of the fixture The fixture shall be clarious of Dot spot or Mini woody of Iguzzini or like of a reputed international brand*	Nos.	780			60 Days
2.2	Surface mounted LED spot lightwith foot mounting adjustable bracket ,IP 66 , 4 to 6 Watts , 2700 deg. K. col. Temp., lumen output greater than 350 lumens, Elliptical beam 15 degree on x axis, 30 degree on y axis with remote power supply . The fixture shall be made of Die cast Aluminium and shall not exceed size of 100mm x 100mm x 100mm. X axis is along the length of the fixture. The fixture shall be clarious of Dot spot or Mini woody of Iguzzini or like of a reputed international brand*	Nos.	50			60 Days
2.3	Surface mounted LED spot lightwith foot mounting adjustable bracket ,IP 66 , 4 to 6 Watts , 3000 deg. K. col. Temp., lumen output greater than 350 lumens, Elliptical beam 15 degree on x axis, 30 degree on y axis with remote power supply. The fixture shall be made of Die cast Aluminium and shall not exceed size of 100mm x 100mm x 100mm. X axis is along the length of the fixture. The fixture shall be clarious of Dot spot or Mini woody of Iguzzini or like of a reputed international brand*	Nos.	20			60 Days

2.4	Surface mounted LED spot lightwith foot mounting adjustable bracket ,IP 66 , 6 to 9 Watts , 3000 deg. K. col. Temp., lumen output greater than 500 lumens, Beam angle 25 degree with integral power supply. The fixture shall be made of Die cast Aluminium and shall not exceed size of 100mm x 100mm x 100mm. The fixture shall be clarius of Dot spot or Mini woody of Iguzzini or like of a reputed international brand	Nos.	8			60 Days
2.5	Surface mounted LED spot lightwith foot mounting adjustable ,IP 66 , 6 to 9 Watts , 4000 deg. K. col. Temp., lumen output greater than 500 lumens, Beam angle 25 degree with integral power supply , The fixture shall be made of Die cast Aluminium and shall not exceed size of 100mm x 100mm x 100mm. The fixture shall be clarius of Dot spot or Mini woody of Iguzzini or like of a reputed international brand*	Nos.	3			60 Days
2.6	Surface mounted LED spot lightwith foot mounting adjustable ,IP 66 ,3 to 5 Watts , Blue colour., lumen output greater than 350lumens, Beam angle 25 degree with integral power supply , The fixture shall be made of Die cast Aluminium and shall not exceed size of 60mm x 60mm x 60mm. The fixture shall be clarius of Dot spot or BVD 4104XLED HB/BL 12V 10 of Color kinetic or like of a reputed international brand*	Nos.	280			60 Days
2.7	Surface mounted LED spot lightwith foot mounting adjustable bracket ,IP 66 ,20 Watts , Blue colour., lumen output greater than 1500lumens, Beam angle 10 degree with integral power supply , The fixture shall be made of Die cast Aluminium. The fixture shall be clarius of Dot spot or BCP 463 12XLED HB 4000, 100-277V WH with 23 spread lens of Color kinetic or like of a reputed international brand	Nos.	20			60 Days
3	Static colour linear Fixtures					

3.1	Integral LED linear fixtures, IP 66, 4000 deg.k.col. Temp., lumen output greater than 450 lumens, beam angle 15 degree on X axis, 45 degree on Y axis, Length for fixture 300mm, with incoming and outgoing gland for ring connections, The fixture shall be made in extruded aluminium and lens shall be clear polycarbonate. X axis is along the length of the fixture. The fixture shall be iW graze powercore of Color Kinetics or lumen facade of Lumen Pulse or like of a reputed international brand*	Nos.	272			60 Days
3.2	Integral LED linear fixtures, IP 66, 4000 deg.k.col. Temp., lumen output greater than 450 lumens, beam angle 10 degree on X axis, 10 degree on Y axis, Length for fixture 300mm, with incoming and outgoing gland for ring connections, The fixture shall be made in extruded aluminium and lens shall be clear polycarbonate. X axis is along the length of the fixture. The fixture shall be iW graze powercore of Color Kinetics or lumen facade of Lumen Pulse or like of a reputed international brand*	Nos.	64			60 Days
3.3	Integral LED linear fixtures, IP 66, 3000 deg.k.col. Temp., lumen output greater than 450 lumens, beam angle 15 degree on X axis, 45degree on Y axis, Length for fixture 300mm, with incoming and outgoing gland for ring connections, The fixture shall be made in extruded aluminium and lens shall be clear polycarbonate. X axis is along the length of the fixture. The fixture shall be iW graze powercore of Color Kinetics or lumen facade of Lumen Pulse or like of a reputed international brand*	Nos.	56			60 Days
3.4	Integral LED linear fixtures, IP 66, 3000 deg.k.col. Temp., lumen output greater than 450 lumens, beam angle 10 degree on X axis, 10 degree on Y axis, Length for fixture 300mm, with incoming and outgoing gland for ring connections, The fixture shall be made in extruded aluminium and lens shall be clear polycarbonate. X axis is along the length of the fixtureX axis is along the length of the fixture. The fixture shall be iW graze powercore of Color Kinetics or lumen facade of Lumen Pulse or like of a reputed international brand*	Nos.	68			60 Days

3.5	Integral LED linear fixtures, IP 66, 2700 deg.k.col. Temp., lumen output greater than 450 lumens, beam angle 15 degree on X axis, 45 degree on Y axis, Length for fixture 300mm, with incoming and outgoing gland for ring connections, The fixture shall be made in extruded aluminium and lens shall be clear polycarbonate. X axis is along the length of the fixture. The fixture shall be iW graze powercore of Color Kinetics or lumen facade of Lumen Pulse or like of a reputed international brand*	Nos.	154			60 Days
3.6	Integral LED linear fixtures, IP 66, Blue colour, lumen output greater than 450 lumens, beam angle 15 degree on X axis, 45 degree on Y axis, Length for fixture 300mm, with incoming and outgoing gland for ring connections, The fixture shall be made in extruded aluminium and lens shall be clear polycarbonate. X axis is along the length of the fixture. The fixture shall be iW graze powercore of Color Kinetics or lumen facade of Lumen Pulse or like of a reputed international brand*	Nos.	56			60 Days
3.7	Integral LED linear fixtures, IP 66, 4000 deg.k.col. Temp., lumen output greater than 1500 lumens, beam angle 15 degree on X axis, 45degree on Y axis, Length for fixture 1000mm, with incoming and outgoing gland for ring connections, The fixture shall be made in extruded aluminium and lens shall be clear polycarbonate. X axis is along the length of the fixture. The fixture shall be iW graze powercore of Color Kinetics or lumen facade of Lumen Pulse or like of a reputed international brand*	Nos.	68			60 Days
3.8	Integral LED linear fixtures, IP 66, 4000 deg.k.col. Temp., lumen output greater than 1500 lumens, beam angle 10 degree on X axis, 25 degree on Y axis, Length for fixture 1000mm, with incoming and outgoing gland for ring connections, The fixture shall be made in extruded aluminium and lens shall be clear polycarbonate. X axis is along the length of the fixture. The fixture shall be iW graze powercore of Color Kinetics or lumen facade of Lumen Pulse or like of a reputed international brand*	Nos.	96			60 Days

3.9	Integral LED linear fixtures, IP 66, 3000 deg.k.col. Temp., lumen output greater than 1500 lumens, beam angle 10 degree on X axis, 25 degree on Y axis, Length for fixture 1000mm, with incoming and outgoing gland for ring connections, The fixture shall be made in extruded aluminium and lens shall be clear polycarbonate. X axis is along the length of the fixture. The fixture shall be iW graze powercore of Color Kinetics or lumen facade of Lumen Pulse or like of a reputed international brand*	Nos.	12			60 Days
3.10	Integral LED linear fixtures, IP 66, 2700 deg.k.col. Temp., lumen output greater than 1500 lumens, beam angle 10 degree on X axis, 25 degree on Y axis, Length for fixture 1000mm, with incoming and outgoing gland for ring connections, The fixture shall be made in extruded aluminium and lens shall be clear polycarbonate. X axis is along the length of the fixture. The fixture shall be iW graze powercore of Color Kinetics or lumen facade of Lumen Pulse or like of a reputed international brand*	Nos.	152			60 Days
3.11	Integral LED linear fixtures(Gold plated fixtures), IP 66, 2700 deg.k.col. Temp., lumen output greater than 1500 lumens, beam angle 10 degree on X axis, 25 degree on Y axis, Length for fixture 1000mm, with incoming and outgoing gland for ring connections, The fixture shall be made in extruded aluminium and lens shall be clear polycarbonate. X axis is along the length of the fixture. The fixture shall be iW graze powercore of Color Kinetics or lumen facade of Lumen Pulse or like of a reputed international brand*	Nos.	18			75 Days
3.12	Integral LED linear fixtures, IP 66, Blue colour, lumen output greater than 1500 lumens, beam angle 10 degree on X axis, 25 degree on Y axis, Length for fixture 1000mm, with incoming and outgoing gland for ring connections, The fixture shall be made in extruded aluminium and lens shall be clear polycarbonate. X axis is along the length of the fixture. The fixture shall be iW graze powercore of Color Kinetics or lumen facade of Lumen Pulse or like of a reputed international brand*	Nos.	24			60 Days

3.13	Integral LED linear fixtures(Gold plated fixtures), IP 66, 2700 deg.k.col. Temp., lumen output greater than 1800 delivered lumens, beam angle 10 degree on X axis, 25 degree on Y axis, Length for fixture 1500mm, with incoming and outgoing gland for ring connections, The fixture shall be made in extruded aluminium and lens shall be clear polycarbonate. X axis is along the length of the fixture. The fixture shall be iW graze powercore of Color Kinetics or lumen facade of Lumen Pulse or like of a reputed international brand*	Nos.	9			60 Days
3.14	Integral LED linear fixtures, IP 66, RGB W (The fixture shall be DMX control compatible), lumen output greater than 450 lumens, beam angle 10 degree on X axis, 25 degree on Y axis, Length for fixture 300mm, with incoming and outgoing gland for ring connections, The fixture shall be made in extruded aluminium and lens shall be clear polycarbonate. X axis is along the length of the fixture. The fixture shall be iW graze powercore of Color Kinetics or lumen facade of Lumen Pulse or like of a reputed international brand*	Nos.	280			60 Days
3.15	Integral LED linear fixtures, IP 66, RGB W (The fixture shall be DMX control compatible), lumen output greater than 1500 lumens, beam angle 15 degree on X axis, 45 degree on Y axis, Length for fixture 1000mm, with incoming and outgoing gland for ring connections, The fixture shall be made in extruded aluminium and lens shall be clear polycarbonate. X axis is along the length of the fixture. The fixture shall be iW graze powercore of Color Kinetics or lumen facade of Lumen Pulse or like of a reputed international brand*	Nos.	172			60 Days
3.16	Integral LED linear fixtures, IP 40, 3000 deg.k.col. Temp., lumen output greater than 1000 lumens per meter, Length for fixture 6500mm, with incoming and outgoing gland for ring connections, The fixture shall be made in extruded aluminium and lens shall be clear polycarbonate. The fixture shall be Color Kinetics or Dot spot or like of a reputed international brand*	Nos.	105			60 Days
4	LED Flood lights					

4.1	Elliptical beam LED flood light , IP 66, 2500 degree K. Col. Temp, Beam angle 25 degree on x axis, 45 degree on Y axis, Lumen output greater than 5000 lumens, Integral control gear, made of high pressure aluminium die cast, Foot mounting adjustable bracket. X axis is along the length of the fixture. The fixture shall be BVP 636 64 LED HB warm , 2700 of Color Kinetics or lumenbeam large of Lumen Pulse or like of a reputed international brand*	Nos.	24			60 Days
4.2	Symmetric beam 10W LED flood light , IP 66, 4000 degree K. Col. Temp, Beam angle 60 degree, Lumen output greater than 800 lumens, Integral control gear, made of high pressure aluminium die cast, Foot mounting adjustment bracket. The fixture shall be eW burst compact power of Color Kinetics or lumenbeam small of Lumen Pulse or like of a reputed international brand*	Nos.	20			60 Days
4.3	Symmetric beam 10W LED flood light , IP 66, 2700 degree K. Col. Temp, Beam angle 60 degree, Lumen output greater than 800 lumens, Integral control gear, made of high pressure aluminium die cast, Foot mounting adjustment. The fixture shall be eW burst compact power of Color Kinetics or lumenbeam small of Lumen Pulse or like of a reputed international brand*	Nos.	4			60 Days
4.4	Symmetric beam 20W LED flood light , IP 66,4000 degree K. Col. Temp, Beam angle 60 degree, Lumen output greater than 1200 lumens, Integral control gear, made of high pressure aluminium die cast, Foot mounting adjustable bracket. The fixture shall be BCP 463 12xLED HB 4000 WH of Color Kinetics or lumenbeam small of Lumen Pulse or like of a reputed international brand*	Nos.	4			60 Days
4.5	Symmetric beam 20W LED flood light , IP 66,3000 degree K. Col. Temp, Beam angle 60 degree, Lumen output greater than 1200 lumens, Integral control gear, made of high pressure aluminium die cast, Foot mounting adjustable bracket. The fixture shall be BCP 463 12xLED HB 3000 WH of Color Kinetics or lumenbeam small of Lumen Pulse or like of a reputed international brand*	Nos.	15			60 Days

4.6	Symmetric beam 20W LED flood light , IP 66,2700 degree K. Col. Temp, Beam angle 60 degree, Lumen output greater than 1200 lumens, Integral controlgear, made of high pressure aluminium die cast, Foot mounting adjustment. The fixture shall be eW burst compact power of Color Kinetics or lumenbeam small of Lumen Pulse or like of a reputed international brand*	Nos.	32			60 Days
4.7	Symmetric beam RGB W flood light (The fixture shall be DMX control compatible) , IP 66,2700 degree K. Col. Temp, Beam angle 60 degree, Lumen output greater than 1500 lumens, Integral control gear, made of high pressure aluminium die cast, Foot mounting adjustable bracket. The fixture shall be eW burst compact power of Color Kinetics or lumenbeam small of Lumen Pulse or like of a reputed international brand*	Nos.	32			60 Days
5	Discharge Lamp Fixtures					
5.1	Symmetric beam flood light with 35W CDMT lamp in 2700 deg. k. col. temp., IP 66, Integral control gear, made of high pressure aluminium die cast, Foot mounting adjustable bracket, The fixture shall be DCP 623 1 x 35 CDMT EBI CO GR of Phillips or lumenbeam large of Lumen Pulse or Bega - 7347 or Maxiwoody of Iguzzini or like of a reputed international brand*	Nos.	8			60 Days
5.2	Narrow beam flood light with 400W Metal halide lamp in 2700 deg. k. col. temp., IP 66, 10 degree beam angle, Integral control gear, made of high pressure aluminium die cast, Foot mounting adjustable bracket, The fixture shall be DVP 627 1 x 250W /830 8-16 CO GRMBA WITH WOF 3 SOLGEL OF Phillips or lumenbeam Ggrande of Lumen Pulse or Bega - 7891 or Maxiwoody of Iguzzini or like of a reputed international brand*	Nos.	8			60 Days
5.3	Symmetric beam flood light with 150W CDMT lamp in 2700 deg. k. col. temp., IP 66, Integral control gear, made of high pressure aluminium die cast, Foot mounting adjustable bracket, The fixture shall beDVP 626 1 x 150W CDMT of Phillips or lumenbeam large of Lumen Pulse or Bega - 7874 or Maxiwoody of Iguzzini or like of a reputed international brand*	Nos.	30			60 Days

5.4	Symmetric beam flood light with 150W CDMT lamp in 2700 deg. k. col. temp., IP 66, Beam angle 10 degree, Integral control gear, made of high pressure aluminium die cast, Foot mounting adjustable bracket, The fixture shall be DVP 626 1 x 150W CDMT of Phillips or lumenbeam large of Lumen Pulse or Bega - 7870 or Maxiwoody of Iguzzini or like of a reputed international brand*	Nos.	4			60 Days
5.5	Symmetric beam flood light with 150W CDMT lamp in 4000 deg. k. col. temp., IP 66, Integral control gear, made of high pressure aluminium die cast, Foot mounting adjustment, The fixture shall be DVP 626 1 x 150W CDMT of Phillips or lumenbeam large of Lumen Pulse or Bega - 7874 or Maxiwoody of Iguzzini or like of a reputed international brand*	Nos.	2			60 Days
5.6	Symmetric beam flood light with 70W HPSV lamp., IP 66, Integral control gear, made of high pressure aluminium die cast, Foot mounting adjustment, The fixture shall be DVP 627 1 x SON T plus 70W of Phillips or lumenbeam large of Lumen Pulse or Bega - 7864 or Maxiwoody of Iguzzini or like of a reputed international brand*	Nos.	28			60 Days
5.7	Ceiling mounted downlighter with 150W CDMT lamp in 4000 deg. k. col. temp., IP 66, Integral control gear, made of high pressure aluminium die cast,, The fixture shall be Phillips or Lumen Pulse or like of a reputed international brand*	Nos.	20			60 Days
5.8	Wall mounted uplighter with 150W CDMT lamp in 3000 deg. k. col. temp., IP 66, Integral control gear, made of high pressure aluminium die cast,, The fixture shall be Phillips or Lumen Pulse or Bega - 6587 or Maxiwoody of Iguzzini or like of a reputed international brand*	Nos.	38			60 Days
5.9	Wall mounted uplighter with 250W HPSV lamp , IP 66, beam angle 15 degree, Integral control gear, made of high pressure aluminium die cast,, The fixture shall be Phillips or Lumen Pulse or Bega - 7879 or Maxiwoody of Iguzzini or like of a reputed international brand*	Nos.	32			60 Days
6	Specially Fabricated Fixture					

6.1	<p>Specially fabricated LED linear wall mounted lighting fixture with RGB as upward component and static downward component of 4000 degree k. col temp.. The RGB upward component shall be between 300 to 450 lumens , with elliptical optics of 40 degree on x axis , 10 degree on Y axis and should be so designed that the colour mixing is maximum 75mm. The downward component of the fixture in 4000 deg.k.col. temp. shall have flood optics and shall be between 300 to 400 lumens. The dimensions of the fixture shall be 560MM(length) X 30mm(max. width) X 50mm (max. height). The fixture shall be DMX control compatible and shall have suitable connectors for ring installation. X axis is along the length of the fixture. The fixture shall be IP 66 rated and a sample shall have to be approved by the consultant before final supplies.</p>	Nos.	460			75 Days
6.2	<p>Specially fabricated LED linear wall mounted lighting fixture with the static upward component and static downward component of 4000 degree k. col temp..Lumen output between 300 to 450 lumens , The dimensions of the fixture shall be 400MM(length) X 30mm(max. width) X 50mm (max. height). The fixture shall be DMX control compatible and shall have suitable connectors for ring installation. The fixture shall be IP 66 rated and a sample shall have to be approved by the consultant before final supplies.</p>	Nos.	868			75 Days
6.3	<p>Specially fabricated LED linear wall mounted lighting fixture with RGB as upward component . The RGB upward component shall be between 300 to 450 lumens , with elliptical optics of 10 degree on x axis , 40 degree on Y axis.The dimensions of the fixture shall be 80MM(length) X 30mm(max. width) X 50mm (max. height). The fixture shall be DMX control compatible and shall have suitable connectors for ring installation. X axis is along the length of the fixture. The fixture shall be IP 66 rated and a sample shall have to be approved by the consultant before final supplies.</p>	Nos.	868			75 Days

6.4	Specially fabricated LED linear wall mounted lighting fixture with the static downward component of 4000 degree k. col temp., Lumen output between 300 to 450 lumens, The dimensions of the fixture shall be 400MM(length) X 30mm(max. width) X 50mm (max. height). The fixture shall be DMX control compatible and shall have suitable connectors for ring installation. The fixture shall be IP 66 rated and a sample shall have to be approved by the consultant before final supplies.	Nos.	100			75 Days
6.5	Specially fabricated handrail LED BAR(300 mm length), Golden anodized finish with 6 LED of 0.8W to 1W each in 4000 deg. K. col. Temp. with a spread lens of 120 degree beam angle. The handrail bar with same to made in colour and size of the existing handrail The fixture shall be IP 66 rated and a sample shall have to be approved by the consultant before final supplies.	Nos.	48			75 Days
7	CUSTOMIZED LED STRIP					
7.1	Flexible LED strip ,rated IP 66 , in 3500 deg. K. col. Temp. , pasted in aluminum U channel, Lumen output greater than 400 Lumens per meter. The fixture shall be vava linear LP of Color Kinetic or Dot spot or like of a reputed international brand*	Mtr.	830			60 days
7.2	Flexible LED strip , rated IP 66 , in 2700 deg. K. col. Temp. , pasted in aluminum U shaped section channel, Lumen output greater than 400 Lumens per meter. The fixture shall be vava linear LP of Color Kinetic or Dot spot or like of a reputed international brand*	Mtr.	1190			60 days
7.3	Flexible LED strip ,rated IP 66 , in 4000 deg. K. col. Temp. , pasted in aluminum U shaped section channel, Lumen output greater than 400 Lumens per meter. The fixture shall be vava linear LP of Color Kinetic or Dot spot or like of a reputed international brand*	Mtr.	35			60 days
7.4	Flexible LED strip ,rated IP 66 , in bluecolor, pasted in aluminum U shaped section channel to follow the curve of the clock , Lumen output greater than 800 Lumens per meter. The fixture shall be I color flex of Color Kinetic or Dot spot or like of a reputed international brand*	Mtr.	48			60 days

7.5	Flexible RGB W LED strip , rated IP 66 , pasted in aluminum U shaped section channel, Lumen output greater than 400 Lumens per meter .The fixture shall be DMX control compatible . The fixture shall be i color flex of Color Kinetic or Dot spot or like of a reputed international brand*	Mtr.	1850			60 days
7.6	Specially Fabricated RGB LED strip (300 lumens/mtr.) in a suitable housing which shall be rigid and shall be so designed to follow the curve of the DOME. This fixture shall have to be place at a constant distance of 40mm from the surface of the dome and shall be so designed to throw the light backward on to the dome. The fabricated fixture shall be IP 66 a sample of the fixture approved by the consultant before supply. The fixture shall be DMX control compatible .. The fixture shall be I color flex of Color Kinetic or Dot spot or like of a reputed international brand*	Mtr.	300			60 days
8	Post Top					
8.1	Victorian style LED Post Top fixture with the following characteristics. Col. Temp - 4000K , Lumen output -4000 lumens , Colour of the fixture - Golden RAIL No. 1004 with specially designed optics to suit the site conditions. Dimmable through DMX controller similiar to new oxford ledgine post top of Hadco Phillips- VX022 - 48 - Golden-3-N-N-A-DZ-S or like of a reputed international brand* The pole for the fixture shall also be Victorian style Die Cast Aluminium/Iron in golden colour to match the fixture.	Nos.	34			60 days
9	Wall Light					
9.1	Wall light fixture with 32 W LED in 4000 deg. K. col. Temp. with bracket Lumen output- 2800 lumens . The fixture shall be new oxford ledgine+PTH2910 single of Hadco Phillips- VX022-32-Golden-3-N-N-A-DZ-S or like of a reputed international brand*	Nos.	8			60 Days